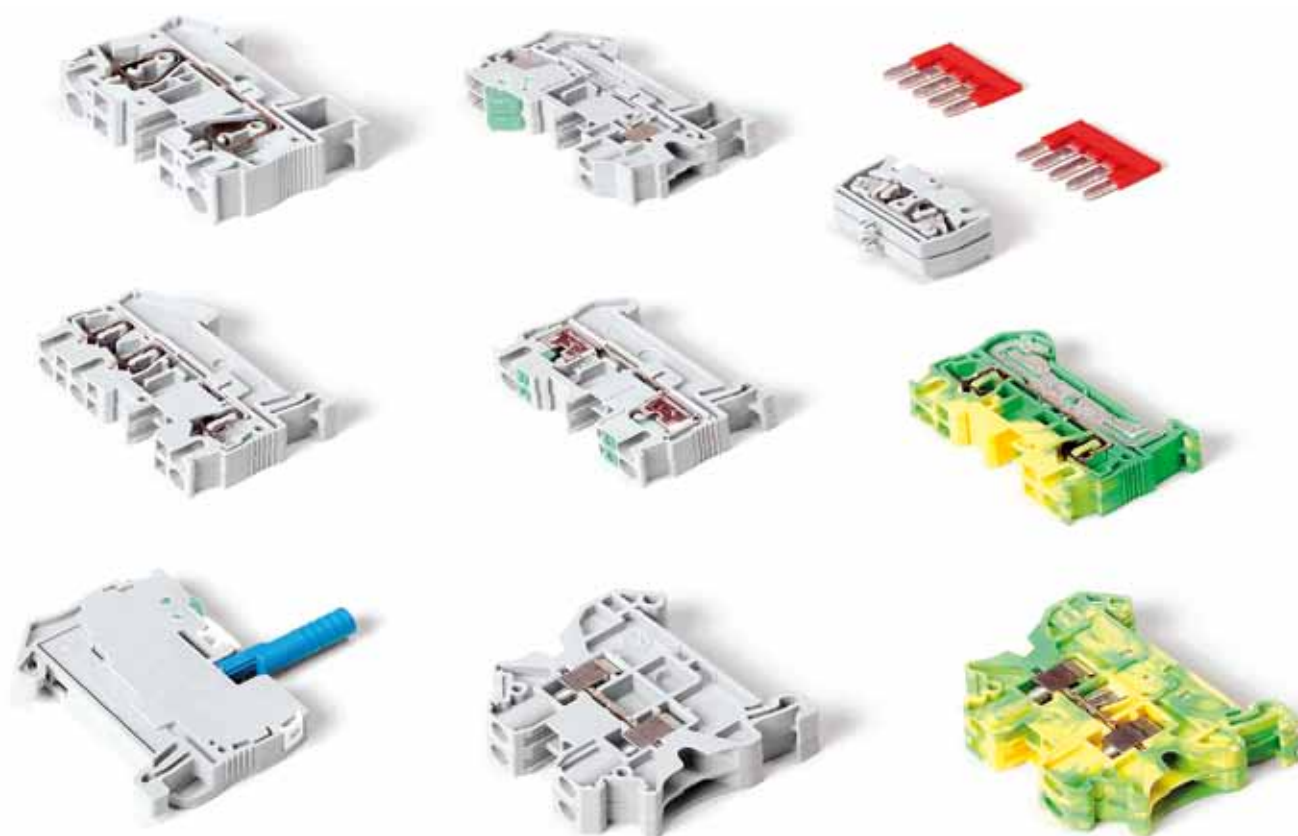


# Lineryg TR

Terminal Blocks





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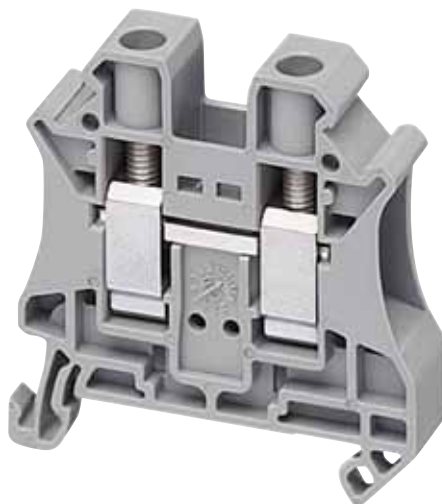
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## Screw technology terminal blocks

BP502173



Terminal block type **NSYTRV**

### Presentation

**NSYTRV** screw technology terminal blocks are components that are well established throughout the world and are suitable for the vast majority of connection applications, due to their wide range of functions and connection possibilities.

**NSYTRV** terminal blocks ensure quality, safety and the operational availability of equipment. In addition to these advantages, they optimise the setting up and operation of installations, due to their simplicity and integrated functions.

### Material properties

All metal parts of the screw terminal blocks (screw, cage and bar) are made of high grade, non corrosive copper alloys. This eliminates the risk of rusting and associated consequences, such as unreliable electrical contacts and/or jammed screws.

The good electrical conductivity insures a low temperature rise.

The surface of the metal parts is protected by a lead free, galvanic nickel or tin plating.

The insulating housings of the **NSYTRV** terminal blocks are made of halogen free and UV resistant Polyamide 6.6. This type of plastic has a high impact strength and is flexible even at low temperatures.

Further advantages are the good tropical and termite resistance, high chemical resistance and the excellent aging characteristics. Polyamide 6.6 is certified for inflammability class V0 in accordance with UL 94 and can be used at operating temperatures between -60°C and +130°C.

### Connection functions

- Passthrough
- Protective earth
- Double deck and Multi-pole
- Blade disconnect type
- Disconnect (removable carrier), for diode, resistor or cylindrical fuse
- Fused disconnect
- Miniature passthrough
- Passthrough with Telequick universal foot
- For neutral conductors
- Lug-lug type
- Lug-clamp type

### Mounting accessories

The **NSYTR** terminal blocks have a uniform range of accessories for all connection technologies. Bridging, labelling and test accessories are standardized and reduce your logistics costs.

In addition, all the terminal blocks of the range can be freely combined with each other using the double bridge shaft.

PE502406



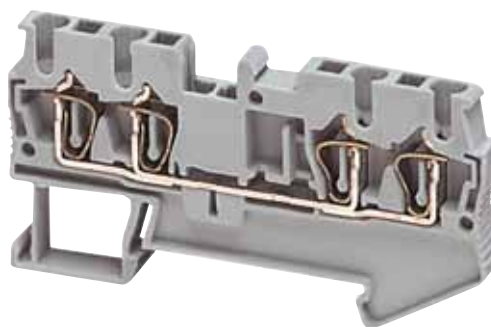
Principle of screw connection

PE502407



## Spring technology terminal blocks

PB502143



Terminal block type **NSYTRR**

### Presentation

Spring technology is a type of connection that requires no maintenance and ensures the separation of mechanical and electrical functions.

**NSYTRR** spring terminals significantly reduce wiring time and eliminate the need for regular re-tightening. This technology allows not only the connection of flexible conductors with or without cable ends, but also of solid conductors with a nominal c.s.a. from 0.13 mm<sup>2</sup> to 25 mm<sup>2</sup>. **NSYTRR** terminal blocks ensure quality, safety and the operational availability of equipment. In addition to these advantages, they optimise the setting up and operation of installations, due to their simplicity and integrated functions.

### Material properties

All metal parts of the spring-cage terminal blocks are made of non corrosive materials. The current carrying metals are high grade copper alloys.

The good electrical conductivity insures a low temperature rise.

The contact force for the spring-cage connection is applied by a spring element made of high strength chromium-nickel spring steel. The surface of the metal parts is protected by a lead free, galvanic nickel or tin plating.

The insulating housings of the **NSYTRR** terminal blocks are made of halogen free and UV resistant Polyamide 6.6 certified for inflammability class V0 in accordance with UL 94.

They can be used at operating temperatures between -60°C and +130°C.

### Connection functions

Spring technology terminal blocks are simple and fast to install. A flat screwdriver is used to open the connection point, allowing the conductor to be inserted into the cage.

As soon as the screwdriver is pulled out, the contact is automatically made by spring pressure. The contact force, which is independent to the user, creates a shakeproof and steadfast long-term connection.

- Passthrough
- Protective earth
- Double deck and Multi-pole
- Blade disconnect type
- Disconnect (removable carrier), for diode, resistor or cylindrical fuse
- Miniature passthrough

### Mounting accessories

The **NSYTR** terminal blocks have a uniform range of accessories for all connection technologies. Bridging, labelling and test accessories are standardized and reduce your logistics costs.

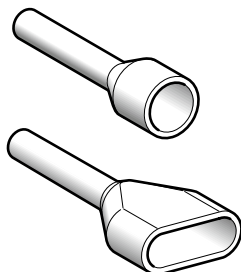
In addition, all the terminal blocks of the range can be freely combined with each other using the double bridge shaft.

PB502408



Principle of spring connection

PB502302



AZ5 and DZ5 cable ends

See pages 86

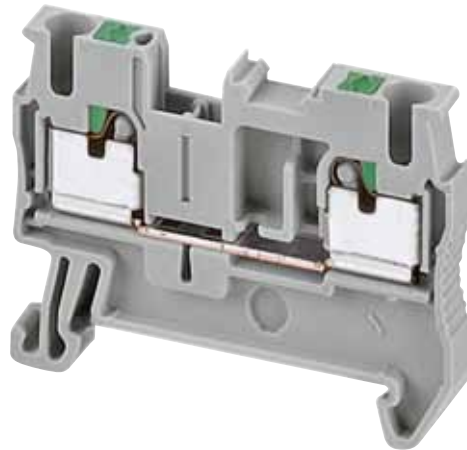


For better contact between the conductor and the current bar, use a cable end (ferrule) for all stranded or flexible wires.

## Push-in technology terminal blocks

**50%**  
faster installation

PB502082



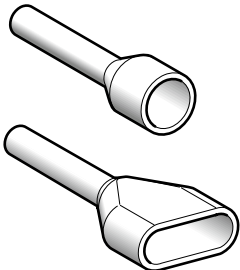
Terminal block type **NSYTRP**

PB502409



Principle of push-in  
connection

PB502362



AZ5 and DZ5 cable ends  
See pages 86

### Presentation

The new **NSYTRP** push-in terminal blocks use the most cost effective connection technique on the market. This technique drastically reduces wiring time and eliminates the need for regular re-tightening.

The insertion force of the **NSYTRP** push-in terminal blocks is up to 50% lower\*.

This allows easy and direct insertion of solid conductors or flexible conductors with cable ends (ferrules) from 0.34 mm<sup>2</sup> to 6 mm<sup>2</sup>.

### Material properties

All metal parts of the push-in terminal blocks are made of non corrosive materials.

The current carrying metals are high grade copper alloys.

The good electrical conductivity insures a low temperature rise.

The contact force for the push-in connection is applied by a leg spring made of high strength chromium-nickel spring steel.

The insulating housings of the **NSYTRP** terminal blocks are made of halogen free and UV resistant Polyamide 6.6 certified for inflammability class V0 in accordance with UL 94.

They can be used at operating temperatures between -60°C and +130°C.

### Connection functions

The push-in terminal blocks are made for direct conductor connection. This means that solid conductors or conductors with cable ends can be directly inserted into the terminal block without tools.

The special spring contour allows easy insertion of conductors from 0.34 mm<sup>2</sup> to 6mm<sup>2</sup> c.s.a. Smaller cross-section conductors can be connected by actuating the green button before insertion for 0.14mm<sup>2</sup> and up.

The contact force, which is independent to the user, creates a shakeproof and steadfast long-term connection.

- Passthrough
- Protective earth
- Double deck and Multi-pole
- Blade disconnect type
- Disconnect (removable carrier), for diode, resistor or cylindrical fuse

### Mounting accessories

The **NSYTR** terminal blocks have a uniform range of accessories for all connection technologies.

Bridging, labelling and test accessories are standardized and reduce your logistics costs.

In addition, all the terminal blocks of the range can be freely combined with each other using the double bridge shaft.



For better contact between the conductor and the current bar, use a cable end (ferrule) for all stranded or flexible wires.

\*50% lower if compared with other direct insertion terminal blocks from the market.

PB502410



### Snap-on PE foot

Earth terminal blocks are simply snapped onto the DIN rail to make contact. This mechanically and electrically efficient connection meets all the requirements of standard IEC 60947-7-2.

PB502411



### Flexible plug-in bridge system

The **NSYTRAL**\* plug-in bridges allow potential distribution to be implemented quickly. All terminals have two bridge shafts to make flexible chain bridging, step bridging or bridging between non adjacent terminal blocks possible. The reducing bridge permits simple connection of terminal blocks with different nominal cross-sections, (e.g. an **NSYTRV102** terminal with an **NSYTRV22** terminal). This way the power distribution terminal blocks can be quickly setup.

PB502354



### Vertical bridge

The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double level **NSYTRR24D** and **NSYTRR44D** terminal blocks.

PB502213



PB502215



PB502214



### Miniature terminal blocks with maximum usage

Due to its space saving design, mini spring-cage terminal blocks are ideal for wiring in extremely restricted spaces. The generous connection space enables fast wiring of stranded and solid conductors. They can be mounted on NS 15 DIN rail or directly mounted using screw flange or engagement pins.

## General characteristics Terminal blocks

| Technology                                                                |                                            |                    | Spring                                                                              | Screw                                                                               | Push-in                                                                             |
|---------------------------------------------------------------------------|--------------------------------------------|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                           | Type                                       |                    | NSYTRR●●                                                                            | NSYTRV●●                                                                            | NSYTRP●●                                                                            |
| Component materials                                                       | Insulating case                            |                    | Polyamide 6.6                                                                       |                                                                                     |                                                                                     |
|                                                                           | Connector and screw                        |                    | High grade copper alloys                                                            |                                                                                     |                                                                                     |
|                                                                           | Commoning link                             |                    | High grade copper alloys                                                            |                                                                                     |                                                                                     |
|                                                                           | Sprint element                             |                    | Chromium-nickel spring steel                                                        |                                                                                     |                                                                                     |
| Electrical and thermal characteristics of insulating case (polyamide 6.6) |                                            |                    |                                                                                     |                                                                                     |                                                                                     |
| Dielectric strength                                                       | Conforming to VDE 0303-T21 and IEC 60243-1 | kV/mm              | 80/65                                                                               |                                                                                     |                                                                                     |
| Dielectric loss<br>Tan coefficient at 1 MHz                               | Conforming to VDE 0303-T4 and IEC 60250    |                    | 0.01                                                                                |                                                                                     |                                                                                     |
| Dielectric constant at 1 MKz                                              |                                            |                    | 3.7                                                                                 |                                                                                     |                                                                                     |
| Resistivity                                                               | Conforming to VDE 0303-T30 and IEC 60093   | Ω.cm               | 10 <sup>12</sup>                                                                    |                                                                                     |                                                                                     |
| Surface resistance                                                        | Conforming to VDE 0303-T30 and IEC 60093   | Ω                  | 10 <sup>12</sup>                                                                    |                                                                                     |                                                                                     |
| Creep resistance                                                          | Conforming to VDE 0303-T30 and IEC 60093   | CTI (kV)           | 500 (>400)                                                                          |                                                                                     |                                                                                     |
| Ambient air temperature around the device                                 | Conforming to VDE 0304-T21 and IEC 60216-1 | °C                 | Operation: -40...+130                                                               |                                                                                     |                                                                                     |
| Inflammability class                                                      | Conforming to UL 94                        | Class/mm thickness | V-0/0.8                                                                             |                                                                                     |                                                                                     |
| Mounting rail characteristics                                             |                                            |                    |                                                                                     |                                                                                     |                                                                                     |
| Mounting rail type                                                        |                                            |                    |  |  |  |
| Dimensions<br>Width x depth x thickness                                   | mm                                         |                    | 35 x 7.5 x 1                                                                        | 35 x 15 1.5                                                                         | 35 x 15 x 1                                                                         |
| Material                                                                  |                                            |                    | Steel                                                                               | Steel                                                                               | Steel                                                                               |
| Equivalent c.s.a. in copper                                               | mm <sup>2</sup>                            |                    | 16                                                                                  | 25                                                                                  | 35                                                                                  |
| Short-circuit current withstand                                           | kA                                         |                    | 1.92                                                                                | 3                                                                                   | 4.2                                                                                 |
|                                                                           |                                            |                    |                                                                                     |                                                                                     | 8.4                                                                                 |

## Nominal c.s.a. and maximum currents of copper conductors<sup>(1)</sup>

| Spring technology, screw technology, push-in technology |           |       |          |         |
|---------------------------------------------------------|-----------|-------|----------|---------|
| ISO metric size                                         | Size      | Size  | Diameter | Current |
| mm <sup>2</sup>                                         | AWG       | kcmil | mm       | A       |
| 0.5                                                     | 20        | —     | 1.02     | —       |
| 0.75                                                    | 18        | —     | 1.28     | —       |
| 1                                                       | —         | —     | —        | 15      |
| 1.5                                                     | 16        | —     | 1.6      | 19.5    |
| 2.5                                                     | 14        | —     | 2.08     | 26      |
| 4                                                       | 12        | —     | 2.7      | 35      |
| 6                                                       | 10        | —     | 3.09     | 46      |
| 10                                                      | 8         | —     | 3.36     | 63      |
| 16                                                      | 6         | —     | 4.32     | 89      |
| 25                                                      | 4         | —     | 5.73     | 112     |
| 35                                                      | 2         | —     | 7.26     | 138     |
| 50                                                      | (1/0)0    | —     | 12.08    | 168     |
| 70                                                      | (2/0)00   | —     | 13.54    | 213     |
| 95                                                      | (3/0)000  | —     | 15.33    | 258     |
| —                                                       | (4/0)0000 | —     | 17.22    | —       |
| 120                                                     | —         | 250   | 19.01    | 299     |
| 150                                                     | —         | 300   | 20.48    | 344     |
| 185                                                     | —         | 350   | 22.05    | 392     |
| 240                                                     | —         | 500   | 26.57    | 461     |
| 300                                                     | —         | 600   | 30.03    | 500     |

(1) Conforming to DIN VDE 0611 part 1/11.77.



### Certification



| References    | UL | CSA | VDE | ATEX | IECEx | GL | LR | DNV | GOST |
|---------------|----|-----|-----|------|-------|----|----|-----|------|
| NSYTRV22*     | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV22PE    | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV24D*    | ■  | ■   | -   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV24DPE   | ■  | ■   | -   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV26T     | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42*     | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV42PE    | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV43*     | ■  | ■   | -   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRV43PE    | ■  | ■   | -   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRV44*     | ■  | ■   | -   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRV44PE    | ■  | ■   | -   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRV44D*    | ■  | ■   | -   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV44DPE   | ■  | ■   | -   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV62*     | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV62PE    | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV102*    | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV102PE   | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV162*    | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV162PE   | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV352*    | ■  | ■   | ■   | ■    | ■     | ■  | -  | -   | ●    |
| NSYTRV352PE   | ■  | ■   | ■   | ■    | ■     | ■  | -  | -   | ●    |
| NSYTRV502*    | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV502PE   | ■  | ●   | -   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRV702     | ■  | ■   | ●   | ●    | ●     | ●  | ●  | ●   | ●    |
| NSYTRV952BB   | ■  | ■   | -   | -    | -     | ■  | -  | -   | ●    |
| NSYTRV952BC   | ■  | ■   | -   | -    | -     | ■  | -  | -   | ●    |
| NSYTRV1502BB  | ■  | ■   | -   | -    | -     | ●  | -  | -   | ●    |
| NSYTRV42SC    | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42ST*   | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42SCD   | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42TB    | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV162SF   | ■  | ■   | -   | -    | -     | -  | ■  | ●   | ●    |
| NSYTRV42SF5   | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42SF5LD | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42SF5LA | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42SF6   | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42SF6LD | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42SF6LA | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV62TT    | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV62TTD   | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV62TTPE  | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV42NE    | -  | -   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV62NE    | -  | -   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRV22M*    | ●  | ●   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRV22MPE   | ●  | ●   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRV42M*    | ●  | ●   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRV42MPE   | ●  | ●   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR22*     | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR22PE    | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR23*     | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR23PE    | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR24*     | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR24PE    | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR24D*    | ■  | ■   | ●   | ●    | ●     | ■  | ■  | ■   | ●    |
| NSYTRR24DPE   | ■  | ■   | ●   | ●    | ●     | ■  | ■  | ■   | ●    |

|   |                       |
|---|-----------------------|
| ■ | Certified product     |
| ● | Certification pending |

\*The same certifications apply for any of the colour variants of this terminal block, added as a suffix: AR; BK; BL; GN; RD; WH

### Certification



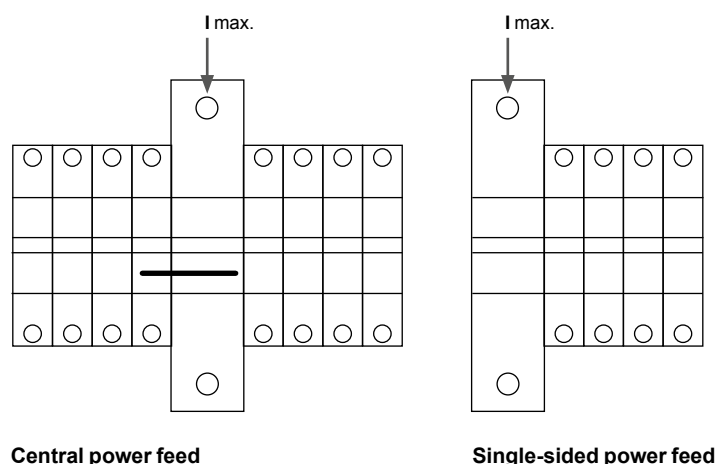
| References  | UL | CSA | VDE | ATEX | IECEx | GL | LR | DNV | GOST |
|-------------|----|-----|-----|------|-------|----|----|-----|------|
| NSYTRR26T*  | ■  | ■   | ●   | -    | -     | ●  | ●  | -   | ●    |
| NSYTRR42*   | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR42PE  | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR43*   | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR43PE  | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR44*   | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR44PE  | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR44D*  | ■  | ●   | ●   | ●    | ●     | ■  | ■  | ■   | ●    |
| NSYTRR44DPE | ■  | ■   | ●   | ●    | ●     | ■  | ■  | ■   | ●    |
| NSYTRR62*   | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR62PE  | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR102*  | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR102PE | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR162*  | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR162PE | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR63    | ■  | ■   | ●   | ■    | ■     | ■  | ■  | ■   | ●    |
| NSYTRR22SC* | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRR23SC* | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRR24SCD | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRR22TB  | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRR23TB  | ■  | ■   | -   | -    | -     | -  | -  | -   | ●    |
| NSYTRR22M*  | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR22MPE | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR24M*  | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR24MFF | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR22MF* | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR22MFF | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR24MF* | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR22MP* | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRR24MP* | ■  | ■   | ●   | ●    | ●     | -  | -  | -   | ●    |
| NSYTRP22*   | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ●   | ●    |
| NSYTRP22PE  | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ●   | ●    |
| NSYTRP23*   | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ●   | ●    |
| NSYTRP23PE  | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ●   | ●    |
| NSYTRP24*   | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ●   | ●    |
| NSYTRP24PE  | ■  | ■   | ■   | ■    | ■     | ■  | ■  | ●   | ●    |
| NSYTRP24D*  | ■  | ■   | ■   | -    | -     | ■  | ■  | ●   | ●    |
| NSYTRP24DPE | ■  | ■   | ■   | -    | -     | ■  | ■  | ●   | ●    |
| NSYTRP42*   | ■  | ■   | ●   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRP42PE  | ■  | ■   | ●   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRP43*   | ■  | ■   | ●   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRP43PE  | ■  | ■   | ●   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRP44*   | ■  | ■   | ●   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRP44PE  | ■  | ■   | ●   | ■    | ■     | ■  | ●  | ●   | ●    |
| NSYTRP22SC  | ■  | ■   | ●   | -    | -     | ■  | ■  | -   | ●    |
| NSYTRP23SC  | ■  | ■   | ●   | -    | -     | ■  | ■  | -   | ●    |
| NSYTRP24SC  | ■  | ■   | ●   | -    | -     | ■  | ■  | -   | ●    |
| NSYTRP22TB  | ■  | ■   | ●   | -    | -     | ■  | ■  | -   | ●    |
| NSYTRP42TB  | ■  | ■   | ●   | -    | -     | ■  | -  | -   | ●    |
| NSYTRH12    | ■  | ■   | -   | ■    | ■     | -  | -  | -   | ●    |
| NSYTRH12PE  | ■  | ●   | -   | ■    | ■     | -  | -  | -   | ●    |
| NSYTRH13    | ■  | ●   | -   | ■    | ■     | -  | -  | -   | ●    |
| NSYTRH22    | ■  | ■   | -   | ■    | ■     | -  | -  | -   | ●    |

|   |                       |
|---|-----------------------|
| ■ | Certified product     |
| ● | Certification pending |

\*The same certifications apply for any of the colour variants of this terminal block, added as a suffix: AR; BK; BL; GN; RD; WH

## Reduction bridging with NSYTRV screw terminal blocks

| Supply         |                     | Pick-off       |                     | Single-side supply   | Central supply       |                  |
|----------------|---------------------|----------------|---------------------|----------------------|----------------------|------------------|
| Terminal block | Cross-section (mm²) | Terminal block | Cross-section (mm²) | I <sub>max</sub> [A] | I <sub>max</sub> [A] | Step-down bridge |
| NSYTRV42       | 4                   | NSYTRV22       | 2.5                 | 24                   | 24                   | NSYTRAL22        |
| NSYTRV62       | 6                   | NSYTRV22       | 2.5                 | 40                   | 56                   | NSYTRALV62       |
|                |                     | NSYTRV42       | 4                   | 45                   | 56                   |                  |
|                |                     | NSYTRR22       | 2.5                 | 40                   | 56                   | NSYTRALVR62      |
|                |                     | NSYTRR42       | 4                   | 45                   | 56                   |                  |
|                |                     | NSYTRP22       | 2.5                 | 40                   | 56                   |                  |
|                |                     | NSYTRH12       | 1.5                 | 35                   | 56                   |                  |
|                |                     | NSYTRH22       | 2.5                 | 40                   | 56                   |                  |
|                |                     |                |                     |                      |                      |                  |
| NSYTRV102      | 10                  | NSYTRV22       | 2.5                 | 40                   | 65                   | NSYTRALV102      |
|                |                     | NSYTRV42       | 4                   | 45                   | 65                   |                  |
|                |                     | NSYTRR22       | 2.5                 | 40                   | 65                   | NSYTRALVR102     |
|                |                     | NSYTRR42       | 4                   | 45                   | 65                   |                  |
|                |                     | NSYTRP22       | 2.5                 | 40                   | 65                   |                  |
|                |                     | NSYTRH12       | 1.5                 | 35                   | 65                   |                  |
|                |                     | NSYTRH22       | 2.5                 | 40                   | 65                   |                  |
|                |                     |                |                     |                      |                      |                  |
| NSYTRV162      | 16                  | NSYTRV22       | 2.5                 | 40                   | 80                   | NSYTRALV162      |
|                |                     | NSYTRV42       | 4                   | 45                   | 90                   |                  |
|                |                     | NSYTRR22       | 2.5                 | 40                   | 80                   | NSYTRALVR162     |
|                |                     | NSYTRR42       | 4                   | 45                   | 90                   |                  |
|                |                     | NSYTRP22       | 2.5                 | 40                   | 80                   |                  |
|                |                     | NSYTRH12       | 1.5                 | 35                   | 70                   |                  |
|                |                     | NSYTRH22       | 2.5                 | 40                   | 80                   |                  |
|                |                     |                |                     |                      |                      |                  |
| NSYTRV352      | 35                  | NSYTRV22       | 2.5                 | 40                   | 80                   | NSYTRALV352      |
|                |                     | NSYTRV42       | 4                   | 45                   | 90                   |                  |
|                |                     | NSYTRR22       | 2.5                 | 40                   | 80                   | NSYTRALVR352     |
|                |                     | NSYTRR42       | 4                   | 45                   | 90                   |                  |
|                |                     | NSYTRP22       | 2.5                 | 40                   | 80                   |                  |
|                |                     | NSYTRH12       | 1.5                 | 35                   | 70                   |                  |
|                |                     | NSYTRH22       | 2.5                 | 40                   | 80                   |                  |
|                |                     |                |                     |                      |                      |                  |



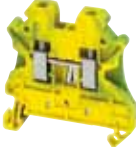
Reducing bridges enable the simple connection of standard terminal blocks of the Linery TR range to different nominal cross-sections and connection technologies. Power feeds with large cross-sections can be easily distributed among several smaller output terminal blocks. The connection technologies and the connected cross-sections must be taken into consideration when selecting a suitable reducing bridge. The appropriate reducing bridge and the maximum permissible bridge current for a single-sided and central power feed can be determined using the adjacent table.

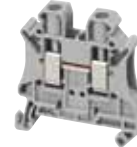
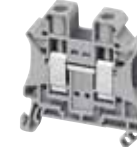
### Reduction bridging with NSYTRR spring or NSYTRP push-in terminal blocks

| Supply               |                     | Pick-off       |                     | Single-side supply   | Central supply       |                  |
|----------------------|---------------------|----------------|---------------------|----------------------|----------------------|------------------|
| Terminal block       | Cross-section (mm²) | Terminal block | Cross-section (mm²) | I <sub>max</sub> [A] | I <sub>max</sub> [A] | Step-down bridge |
| NSYTRR42<br>NSYTRP42 | 4                   | NSYTRR22       | 2.5                 | 40                   | 40                   | NSYTRAL22        |
|                      |                     | NSYTRP22       | 2.5                 | 40                   | 40                   |                  |
|                      |                     | NSYTRH12       | 1.5                 | 35                   | 40                   |                  |
|                      |                     | NSYTRH22       | 2.5                 | 40                   | 40                   |                  |
| NSYTRR62             | 6                   | NSYTRR22       | 2.5                 | 40                   | 56                   | NSYTRALR62       |
|                      |                     | NSYTRR42       | 4                   | 45                   | 56                   |                  |
|                      |                     | NSYTRP22       | 2.5                 | 40                   | 56                   |                  |
|                      |                     | NSYTRH12       | 1.5                 | 35                   | 56                   |                  |
|                      |                     | NSYTRH22       | 2.5                 | 40                   | 56                   |                  |
| NSYTRR102            | 10                  | NSYTRR22       | 2.5                 | 40                   | 56                   | NSYTRALR102      |
|                      |                     | NSYTRR42       | 4                   | 45                   | 56                   |                  |
|                      |                     | NSYTRP22       | 2.5                 | 40                   | 56                   |                  |
|                      |                     | NSYTRH12       | 1.5                 | 35                   | 56                   |                  |
|                      |                     | NSYTRH22       | 2.5                 | 40                   | 56                   |                  |
| NSYTRR162            | 16                  | NSYTRR22       | 2.5                 | 40                   | 56                   | NSYTRALR162      |
|                      |                     | NSYTRR42       | 4                   | 45                   | 56                   |                  |
|                      |                     | NSYTRP22       | 2.5                 | 40                   | 56                   |                  |
|                      |                     | NSYTRH12       | 1.5                 | 35                   | 56                   |                  |
|                      |                     | NSYTRH22       | 2.5                 | 40                   | 56                   |                  |





|                                                                                                                                                                            |                                |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------|
|                                                                                                                                                                            | <b>Selection guide</b>         | <b>16</b> |
| <br>     | <b>Passthrough</b>             | <b>20</b> |
| <br>     | <b>Lug-lug / Lug-connector</b> | <b>22</b> |
| <br>    | <b>Protective earth</b>        | <b>24</b> |
| <br> | <b>Double deck</b>             | <b>26</b> |
| <br> | <b>Disconnect</b>              | <b>30</b> |
| <br> | <b>Measuring</b>               | <b>32</b> |
| <br> | <b>For neutral conductors</b>  | <b>34</b> |
| <br> | <b>Miniature</b>               | <b>36</b> |
| <br> | <b>DB6</b>                     | <b>38</b> |

|                     |                                                                                           | Passthrough                                                                                                  |                                                                                                              |                                                                                                              |                                                                                                                |                                                                                                                |
|---------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
|                     |                                                                                           | Passthrough                                                                                                  |                                                                                                              |                                                                                                              |                                                                                                                |                                                                                                                |
|                     |                                                                                           | <small>PB502081</small><br> | <small>PB502166</small><br> | <small>PB502167</small><br> | <small>PB502173</small><br> | <small>PB502190</small><br> |
| Nominal c.s.a (mm²) |                                                                                           | 2.5                                                                                                          | 4                                                                                                            | 6                                                                                                            | 10 & 16                                                                                                        | 35 to 70                                                                                                       |
| Number of poles     | 1 - 1 x 1                                                                                 | <b>NSYTRV22</b>                                                                                              | <b>NSYTRV42</b>                                                                                              | <b>NSYTRV62</b>                                                                                              | <b>NSYTRV102</b><br><b>NSYTRV162</b>                                                                           | <b>NSYTRV352</b><br><b>NSYTRV502</b><br><b>NSYTRV702</b>                                                       |
|                     | 2 - 1 x 1                                                                                 | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | 3 - 1 x 1                                                                                 | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | 5 - 1 x 1                                                                                 | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | 10 - 1 x 1                                                                                | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | 1 - 1 x 2                                                                                 | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | 1 - 2 x 2                                                                                 | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | With LED                                                                                  | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
| Colours             | Grey                                                                                      | ■                                                                                                            | ■                                                                                                            | ■                                                                                                            | ■                                                                                                              | ■                                                                                                              |
|                     | Blue                                                                                      | <b>NSYTRV22BL</b>                                                                                            | <b>NSYTRV42BL</b>                                                                                            | <b>NSYTRV62BL</b>                                                                                            | <b>NSYTRV102BL</b><br><b>NSYTRV162BL</b>                                                                       | <b>NSYTRV352BL</b><br><b>NSYTRV502BL</b>                                                                       |
|                     | Green/yellow (PE)                                                                         | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | Orange                                                                                    | <b>NSYTRV22AR</b>                                                                                            | <b>NSYTRV42AR</b>                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | Red                                                                                       | <b>NSYTRV22RD</b>                                                                                            | <b>NSYTRV42RD</b>                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | Green                                                                                     | -                                                                                                            | <b>NSYTRV42GN</b>                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | White                                                                                     | <b>NSYTRV22WH</b>                                                                                            | <b>NSYTRV42WH</b>                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | Black                                                                                     | -                                                                                                            | <b>NSYTRV42BK</b>                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
| Mounting on         | 35 mm  | ■                                                                                                            | ■                                                                                                            | ■                                                                                                            | ■                                                                                                              | ■                                                                                                              |
|                     | 35 mm  | ■                                                                                                            | ■                                                                                                            | ■                                                                                                            | ■                                                                                                              | ■                                                                                                              |
|                     | Telequick                                                                                 | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
|                     | 15 mm  | -                                                                                                            | -                                                                                                            | -                                                                                                            | -                                                                                                              | -                                                                                                              |
| See pages           |                                                                                           | 20                                                                                                           | 20                                                                                                           | 20                                                                                                           | 21                                                                                                             | 20/22                                                                                                          |

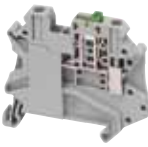


### Snap-on PE foot

Earth terminal blocks are simply snapped onto the DIN rail to make contact. This mechanically and electrically efficient connection meets all the requirements of standard IEC 60947-7-2.



|       | Lug-lug<br>Lug-connector                                                          | Protective earth                                                                  |                                                                                   |                                                                                    |                                                                                     |
|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|       |  |  |  |  |  |
|       | 95 & 150                                                                          | 2.5                                                                               | 4                                                                                 | 6 & 10                                                                             | 16 to 50                                                                            |
|       | NSYTRV952BB<br>NSYTRV952BC<br>NSYTRV1502BB                                        | NSYTRV22PE                                                                        | NSYTRV42PE                                                                        | NSYTRV62PE<br>NSYTRV102PE                                                          | NSYTRV162PE<br>NSYTRV352PE<br>NSYTRV502PE                                           |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | NSYTRV43PE<br>NSYTRV44PE                                                          | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| ■     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                  | ■                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| ■     | -                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                  | ■                                                                                   |
| ■     | -                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                  | ■                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| -     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   |
| 22/23 |                                                                                   | 24                                                                                | 24                                                                                | 24/25                                                                              | 25                                                                                  |

|                     |                                                                                           | Double deck                                                                       |                                                                                   | Disconnect                                                                         |                                                                                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                     |                                                                                           | Multi-pole                                                                        | Double deck                                                                       | Blade                                                                              | Fused                                                                               | Removable carrier                                                                   |
|                     |                                                                                           |  |  |  |  |  |
| Nominal c.s.a (mm²) |                                                                                           | 4                                                                                 | 2.5 & 4                                                                           | 4                                                                                  | 4 & 16                                                                              | 4                                                                                   |
| Number of poles     | 1 - 1 x 1                                                                                 | -                                                                                 | -                                                                                 | NSYTRV42SC<br>NSYTRV42ST                                                           | NSYTRV42SF5<br>NSYTRV42SF6<br>NSYTRV162SF                                           | NSYTRV42TB                                                                          |
|                     | 2 - 1 x 1                                                                                 | -                                                                                 | NSYTRV24D<br>NSYTRV44D                                                            | NSYTRV42SCD                                                                        | -                                                                                   | -                                                                                   |
|                     | 3 - 1 x 1                                                                                 | -                                                                                 | NSYTRV26T                                                                         | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | 5 - 1 x 1                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | 10 - 1 x 1                                                                                | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | 1 - 1 x 2                                                                                 | NSYTRV43                                                                          | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | 1 - 2 x 2                                                                                 | NSYTRV44                                                                          | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | With LED                                                                                  | -                                                                                 | -                                                                                 | -                                                                                  | NSYTRV42SF5LD<br>NSYTRV42SF6LD                                                      | -                                                                                   |
| Colours             | Grey                                                                                      | ■                                                                                 | ■                                                                                 | ■                                                                                  | -                                                                                   | ■                                                                                   |
|                     | Blue                                                                                      | -                                                                                 | -                                                                                 | ■                                                                                  | -                                                                                   | -                                                                                   |
|                     | Green/yellow (PE)                                                                         | NSYTRV43PE<br>NSYTRV44PE                                                          | NSYTRV24DPE<br>NSYTRV44DPE                                                        | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | Orange                                                                                    | ■                                                                                 | -                                                                                 | NSYTRV42STAR                                                                       | -                                                                                   | -                                                                                   |
|                     | Red                                                                                       | ■                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | Green                                                                                     | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | White                                                                                     | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | Black                                                                                     | ■                                                                                 | -                                                                                 | -                                                                                  | ■                                                                                   | -                                                                                   |
| Mounting on         | 35 mm  | ■                                                                                 | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   |
|                     | 35 mm  | ■                                                                                 | ■                                                                                 | ■                                                                                  | ■                                                                                   | ■                                                                                   |
|                     | Telequick                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
|                     | 15 mm  | -                                                                                 | -                                                                                 | -                                                                                  | -                                                                                   | -                                                                                   |
| See pages           |                                                                                           | 26                                                                                | 27                                                                                | 30                                                                                 | 31                                                                                  | 30                                                                                  |



### Flexible plug-in bridge system

The **NSYTRAL\*** plug-in bridges allow potential distribution to be implemented quickly. All terminals have two bridge shafts to make flexible chain bridging, step bridging or bridging between nonadjacent terminal blocks possible.

The reducing bridge permits simple connection of terminal blocks with different nominal cross-sections, (e.g. an **NSYTRV102** terminal connected to an **NSYTRV22** terminal). This way the power distribution terminal blocks can be quickly setup.



### Screw terminal blocks - Passthrough

PE602081



PE602166



PE602167



|                                                                                     |                                                                                        | NSYTRV22                                     | NSYTRV42                                     | NSYTRV62                                     |                         |                    |                         |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|-------------------------|--------------------|-------------------------|
| Nominal c.s.a.                                                                      |                                                                                        | 2.5 mm²                                      | 4 mm²                                        | 6 mm²                                        |                         |                    |                         |
|                                                                                     | Type of block                                                                          | Passthrough                                  | Passthrough                                  | Passthrough                                  |                         |                    |                         |
|                                                                                     | Type of connection                                                                     | 1 pole - 1 x 1                               | 1 pole - 1 x 1                               | 1 pole - 1 x 1                               |                         |                    |                         |
|                                                                                     | Colour                                                                                 | Grey                                         | Grey                                         | Grey                                         |                         |                    |                         |
| Max. electric values (Umax, Imax)                                                   |                                                                                        | 1000 V, 32 A                                 | 1000 V, 41 A                                 | 1000 V, 57 A                                 |                         |                    |                         |
| Dimensions (mm)                                                                     |                                                                                        |                                              |                                              |                                              |                         |                    |                         |
|                                                                                     | Length                                                                                 | 47.7                                         | 47.7                                         | 47.7                                         |                         |                    |                         |
|                                                                                     | Height                                                                                 | 47.5                                         | 47.5                                         | 47.5                                         |                         |                    |                         |
|                                                                                     | Width                                                                                  | 5.2                                          | 6.2                                          | 8.2                                          |                         |                    |                         |
| Cabling c.s.a. (mm²)                                                                |                                                                                        | 2.5                                          | 4                                            | 6                                            |                         |                    |                         |
|                                                                                     | Flexible cable                                                                         | 0.14 - 4                                     | 0.14 - 6                                     | 0.2 - 10                                     |                         |                    |                         |
|                                                                                     | Solid cable                                                                            | 0.14 - 4                                     | 0.14 - 6                                     | 0.2 - 10                                     |                         |                    |                         |
| Nominal electric values                                                             |                                                                                        |                                              |                                              |                                              |                         |                    |                         |
|                                                                                     | IEC/EN 60947-7-1                                                                       | 1000 V, 24 A                                 | 1000 V, 32 A                                 | 1000 V, 41 A                                 |                         |                    |                         |
|                                                                                     | UL                                                                                     | 600 V, 20 A, 26 - 12 AWG                     | 600 V, 30 A, 26 - 10 AWG                     | 600 V, 50 A, 24 - 8 AWG                      |                         |                    |                         |
|                                                                                     | CSA                                                                                    | 600 V, 20 A, 26 - 12 AWG                     | 600 V, 30 A, 26 - 10 AWG                     | 600 V, 50 A, 24 - 8 AWG                      |                         |                    |                         |
|                                                                                     | ATEX  | 690 V, 22 A                                  | 690 V, 30 A                                  | 690 V, 40 A                                  |                         |                    |                         |
| Certifications                                                                      |                                                                                        | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                         |                    |                         |
| Terminal blocks                                                                     |                                                                                        |                                              |                                              |                                              |                         |                    |                         |
|  | Grey                                                                                   | Sold in lots of 50                           | Unit reference NSYTRV22                      | Sold in lots of 50                           | Unit reference NSYTRV42 | Sold in lots of 50 | Unit reference NSYTRV62 |
|                                                                                     | Blue                                                                                   | 50                                           | NSYTRV22BL                                   | 50                                           | NSYTRV42BL              | 50                 | NSYTRV62BL              |
|                                                                                     | Orange                                                                                 | 50                                           | NSYTRV22AR                                   | 50                                           | NSYTRV42AR              | -                  | -                       |
|                                                                                     | Red                                                                                    | 50                                           | NSYTRV22RD                                   | 50                                           | NSYTRV42RD              | -                  | -                       |
|                                                                                     | Green                                                                                  | -                                            | -                                            | -                                            | NSYTRV42GN              | -                  | -                       |
|                                                                                     | White                                                                                  | 50                                           | NSYTRV22WH                                   | 50                                           | NSYTRV42WH              | -                  | -                       |
|                                                                                     | Black                                                                                  | -                                            | -                                            | -                                            | NSYTRV42BK              | -                  | -                       |
|                                                                                     | Accessories                                                                            |                                              |                                              |                                              |                         |                    |                         |
| End stop                                                                            | Clip-on, 5.2 mm                                                                        | 50                                           | NSYTRAAB35                                   | 50                                           | NSYTRAAB35              | 50                 | NSYTRAAB35              |
| for 35 mm DIN rail                                                                  | With screw, 9.5 mm                                                                     | 50                                           | NSYTRAABV35                                  | 50                                           | NSYTRAABV35             | 50                 | NSYTRAABV35             |
| End plate,                                                                          | Grey                                                                                   | 50                                           | NSYTRAC22                                    | 50                                           | NSYTRAC22               | 50                 | NSYTRAC22               |
| width 2.2 mm                                                                        | Blue                                                                                   | 50                                           | NSYTRAC22BL                                  | 50                                           | NSYTRAC22BL             | 50                 | NSYTRAC22BL             |
| Partition plate,                                                                    | Grey                                                                                   | 50                                           | NSYTRAP22                                    | 50                                           | NSYTRAP22               | 50                 | NSYTRAP22               |
| width 2 mm                                                                          | Blue                                                                                   | 50                                           | NSYTRAP22BL                                  | 50                                           | NSYTRAP22BL             | 50                 | NSYTRAP22BL             |
| Plug-in bridge                                                                      | 2-pole                                                                                 | 50                                           | NSYTRAL22                                    | 50                                           | NSYTRAL42               | 10                 | NSYTRAL62               |
| Red                                                                                 | 3-pole                                                                                 | 50                                           | NSYTRAL23                                    | 50                                           | NSYTRAL43               | 10                 | NSYTRAL63               |
|                                                                                     | 4-pole                                                                                 | 50                                           | NSYTRAL24                                    | 50                                           | NSYTRAL44               | -                  | -                       |
|                                                                                     | 5-pole                                                                                 | 50                                           | NSYTRAL25                                    | 50                                           | NSYTRAL45               | -                  | -                       |
|                                                                                     | 10-pole                                                                                | 10                                           | NSYTRAL210                                   | 10                                           | NSYTRAL410              | 10                 | NSYTRAL610              |
|                                                                                     | 20-pole                                                                                | 10                                           | NSYTRAL220                                   | 10                                           | NSYTRAL420              | -                  | -                       |
| Blue                                                                                | 10-pole                                                                                | 10                                           | NSYTRAL210BL                                 | 10                                           | NSYTRAL410BL            | 10                 | NSYTRAL610BL            |
| Grey                                                                                | 10-pole                                                                                | 10                                           | NSYTRAL210GR                                 | 10                                           | NSYTRAL410GR            | 10                 | NSYTRAL610GR            |
| Step-down bridge,                                                                   | Screw to screw terminal                                                                | -                                            | -                                            | -                                            | -                       | 10                 | NSYTRALV62              |
| down to 2.5/4 mm²                                                                   | Screw to spring terminal                                                               | -                                            | -                                            | -                                            | -                       | 10                 | NSYTRALVR62             |
| Vertical bridge                                                                     | 1-pole                                                                                 | -                                            | -                                            | -                                            | -                       | -                  | -                       |
| Pick-off terminal                                                                   | Grey                                                                                   | -                                            | -                                            | -                                            | -                       | -                  | -                       |
| Test plug                                                                           | Metalic part, Ø 2.3 mm                                                                 | 10                                           | NSYTRAATM1                                   | 10                                           | NSYTRAATM1              | 10                 | NSYTRAATM1              |
|                                                                                     | Insulating sleeve, red                                                                 | 10                                           | NSYTRAATP1                                   | 10                                           | NSYTRAATP1              | 10                 | NSYTRAATP1              |
| Test adaptor                                                                        | For plug-in bridge shaft                                                               | 10                                           | NSYTRAFT                                     | 10                                           | NSYTRAFT                | 10                 | NSYTRAFT                |
| Warning label                                                                       | Yellow                                                                                 | 10                                           | NSYTRACS2                                    | 10                                           | NSYTRACS4               | 10                 | NSYTRACS6               |
| Marker tag holder                                                                   | For ●AB35 end stop                                                                     | 100                                          | NSYTRASB4                                    | 100                                          | NSYTRASB4               | 100                | NSYTRASB4               |
| DIN rail 35 x 7.2 mm                                                                | Perforated, 2 m long                                                                   | 20                                           | NSYSDR200BD                                  | 20                                           | NSYSDR200BD             | 20                 | NSYSDR200BD             |
| Marking accessories                                                                 |                                                                                        | See page 80                                  |                                              |                                              |                         |                    |                         |
| General data                                                                        |                                                                                        |                                              |                                              |                                              |                         |                    |                         |
|                                                                                     | Strip length (mm)                                                                      | 9                                            | 9                                            | 10                                           |                         |                    |                         |
|                                                                                     | Screw thread                                                                           | M3                                           | M3                                           | M4                                           |                         |                    |                         |
|                                                                                     | Torque (Nm)                                                                            | 0.5 - 0.6                                    | 0.6 - 0.8                                    | 1.5 - 1.8                                    |                         |                    |                         |

PE502173



PE502189



PE502190



PE502194



| NSYTRV102          | NSYTRV162          | NSYTRV352          | NSYTRV502          |
|--------------------|--------------------|--------------------|--------------------|
| 10 mm <sup>2</sup> | 16 mm <sup>2</sup> | 35 mm <sup>2</sup> | 50 mm <sup>2</sup> |
| Passthrough        | Passthrough        | Passthrough        | Passthrough        |
| 1 pole - 1 x 1     | 1 pole - 1 x 1     | 1 pole - 1 x 1     | 1 pole - 1 x 1     |
| Grey               | Grey               | Grey               | Grey               |
| 1000 V, 76 A       | 1000 V, 101 A      | 1000 V, 125 A      | 1000 V, 150 A      |
| 47.7               | 55.5               | 60.2               | 70.5               |
| 47.5               | 55                 | 65.7               | 83.5               |
| 10.2               | 12.2               | 16                 | 20                 |
| 10                 | 16                 | 35                 | 50                 |
| 0.5 - 16           | 1.5 - 25           | 1.5 - 50           | 25 - 70            |
| 0.5 - 16           | 1.5 - 25           | 1.5 - 50           | 16 - 70            |

|                                              |                                              |                                     |                                              |
|----------------------------------------------|----------------------------------------------|-------------------------------------|----------------------------------------------|
| 1000 V, 57 A                                 | 1000 V, 76 A                                 | 1000 V, 125 A                       | 1000 V, 150 A                                |
| 600 V, 65 A, 20 - 6 AWG                      | 600 V, 85 A, 16 - 4 AWG                      | 600 V, 150 A, 14 - 1/0 AWG          | 600 V, 150 A, 6 - 1/0 AWG                    |
| 600 V, 65 A, 20 - 6 AWG                      | 600 V, 85 A, 16 - 4 AWG                      | 600 V, 150 A, 14 - 1/0 AWG          | 600 V, 150 A, 6 - 1/0 AWG                    |
| 690 V, 54 A                                  | 690 V, 73 A                                  | 690 V, 126 A                        | 690 V, 137 A                                 |
| UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |

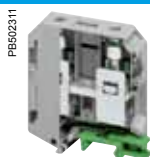
| Sold in lots of | Unit reference | Sold in lots of | Unit reference | Sold in lots of | Unit reference | Sold in lots of | Unit reference |
|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| 50              | NSYTRV102      | 50              | NSYTRV162      | 50              | NSYTRV352      | 10              | NSYTRV502      |
| 50              | NSYTRV102BL    | 50              | NSYTRV162BL    | 50              | NSYTRV352BL    | 10              | NSYTRV502BL    |
| -               | -              | -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              | -               | -              |

|     |              |     |              |     |              |     |              |
|-----|--------------|-----|--------------|-----|--------------|-----|--------------|
| 50  | NSYTRAAB35   | 50  | NSYTRAAB35   | 50  | NSYTRAAB35   | 50  | NSYTRAAB35   |
| 50  | NSYTRAABV35  | 50  | NSYTRAABV35  | 50  | NSYTRAABV35  | 50  | NSYTRAABV35  |
| 50  | NSYTRAC22    | 50  | NSYTRAC162   | -   | Included     | -   | Included     |
| 50  | NSYTRAC22BL  | -   | -            | -   | -            | -   | -            |
| 50  | NSYTRAP22    | -   | -            | -   | -            | -   | -            |
| 50  | NSYTRAP22BL  | -   | -            | -   | -            | -   | -            |
| 10  | NSYTRAL102   | 10  | NSYTRAL162   | 10  | NSYTRAL352   | 10  | NSYTRAL502 * |
| -   | -            | -   | -            | -   | -            | 10  | NSYTRAL503 * |
| -   | -            | -   | -            | -   | -            | -   | -            |
| -   | -            | -   | -            | -   | -            | -   | -            |
| -   | -            | -   | -            | -   | -            | -   | -            |
| -   | -            | -   | -            | -   | -            | -   | -            |
| -   | -            | -   | -            | -   | -            | -   | -            |
| -   | -            | -   | -            | -   | -            | -   | -            |
| 10  | NSYTRALV102  | 10  | NSYTRALV162  | 10  | NSYTRALV352  | -   | -            |
| 10  | NSYTRALVR102 | 10  | NSYTRALVR162 | 10  | NSYTRALVR352 | -   | -            |
| -   | -            | -   | -            | -   | -            | -   | -            |
| -   | -            | 10  | NSYTRAPT16   | 10  | NSYTRAPT35   | -   | -            |
| 10  | NSYTRAATM1   | 10  | NSYTRAATM1   | 10  | NSYTRAATM1   | 10  | NSYTRAATM1   |
| 10  | NSYTRAATP1   | 10  | NSYTRAATP1   | 10  | NSYTRAATP1   | 10  | NSYTRAATP1   |
| 10  | NSYTRAFT     | 10  | NSYTRAFT     | 10  | NSYTRAFT     | -   | -            |
| 10  | NSYTRACS10   | 10  | NSYTRACS10   | 10  | NSYTRACS10   | 10  | NSYTRACS10   |
| 100 | NSYTRASB4    | 100 | NSYTRASB4    | 100 | NSYTRASB4    | 100 | NSYTRASB4    |
| 20  | NSYSDR200BD  | 20  | NSYSDR200BD  | 20  | NSYSDR200BD  | 20  | NSYSDR200BD  |

|           |         |           |       |
|-----------|---------|-----------|-------|
| 10        | 14      | 18        | 24    |
| M4        | M5      | M6        | M6    |
| 1.5 - 1.8 | 2.5 - 3 | 3.2 - 3.7 | 6 - 8 |

\*Screw bridge

### Screw terminal blocks - High current



|                                                                                     |                          | NSYTRV702                       | NSYTRV952BB               |                    |                            |
|-------------------------------------------------------------------------------------|--------------------------|---------------------------------|---------------------------|--------------------|----------------------------|
| Nominal c.s.a.                                                                      | Type of block            | Passthrough                     | Passthrough - lug to lug  |                    |                            |
|                                                                                     | Type of connection       | 1 pole - 1 x 1                  | 1 pole - 1 x 1            |                    |                            |
|                                                                                     | Color                    | Grey                            | Grey                      |                    |                            |
|                                                                                     | Max. electric values     | 1000 V, 192 A                   | 1000 V, 232 A             |                    |                            |
| Dimensions (mm)                                                                     |                          |                                 |                           |                    |                            |
|                                                                                     | Length                   | 70.5                            | 110                       |                    |                            |
|                                                                                     | Height                   | 87.5                            | 56                        |                    |                            |
|                                                                                     | Width                    | 20.3                            | 40                        |                    |                            |
| Cabling c.s.a. (mm²)                                                                |                          | 70                              | 95                        |                    |                            |
|                                                                                     | Flexible cable           | 25 - 70                         | 35 - 95                   |                    |                            |
|                                                                                     | Solid cable              | 16 - 95                         | 25 - 95                   |                    |                            |
| Nominal electric values                                                             |                          |                                 |                           |                    |                            |
|                                                                                     | IEC/EN 60947-7-1         | 1000 V, 192 A                   | 1000 V, 232 A             |                    |                            |
|                                                                                     | UL                       | 600 V, 192 A, 4 - 3/0 AWG       | 600 V, 230 A, 2 - 4/0 AWG |                    |                            |
|                                                                                     | CSA                      | 600 V, 192 A, 4 - 3/0 AWG       | 600 V, 230 A, 2 - 4/0 AWG |                    |                            |
|                                                                                     | ATEX ⚡                   | -                               | -                         |                    |                            |
| Certifications                                                                      |                          | UL, CSA, VDE, GL, LR, DNV, GOST | UL, CSA, GL, GOST         |                    |                            |
| Terminal blocks                                                                     |                          |                                 |                           |                    |                            |
|  | Grey                     | Sold in lots of 10              | Unit reference NSYTRV702  | Sold in lots of 10 | Unit reference NSYTRV952BB |
|                                                                                     | Blue                     | -                               | -                         | -                  | -                          |
| Accessories                                                                         |                          |                                 |                           |                    |                            |
| End stop for 35 mm DIN rail                                                         | Clip-on, 5.2 mm          | 50                              | NSYTRAAB35                | 50                 | NSYTRAAB35                 |
|                                                                                     | With screw, 9.5 mm       | 50                              | NSYTRAABV35               | 50                 | NSYTRAABV35                |
| End plate                                                                           | Grey                     | -                               | Included                  | -                  | -                          |
| Partition plate                                                                     | Grey                     | -                               | -                         | 10                 | NSYTRAC952                 |
| Screw bridge                                                                        | 2-pole                   | 10                              | NSYTRAL702                | 10                 | NSYTRAL952                 |
|                                                                                     | 3-pole                   | -                               | -                         | -                  | -                          |
| Test plug                                                                           | Metalic part, Ø 2.3 mm   | 10                              | NSYTRAATM1                | 10                 | NSYTRAATM1                 |
|                                                                                     | Insulating sleeve, red   | 10                              | NSYTRAATP1                | 10                 | NSYTRAATP1                 |
| Test adaptor                                                                        | For plug-in bridge shaft | -                               | -                         | -                  | -                          |
| Cover                                                                               | Grey                     | -                               | -                         | 10                 | NSYTRACP1                  |
| Marker tag holder                                                                   | For ●AB35 end stop       | 100                             | NSYTRASB4                 | 100                | NSYTRASB4                  |
| DIN rail 35 x 7.2 mm                                                                | Perforated, 2 m long     | 20                              | NSYSDR200BD               | 20                 | NSYSDR200BD                |
| Marking accessories                                                                 |                          | See page 80                     |                           |                    |                            |
| General data                                                                        |                          |                                 |                           |                    |                            |
|                                                                                     | Strip length (mm)        | 24                              |                           | 29                 |                            |
|                                                                                     | Screw thread             | M8                              |                           | M12                |                            |
|                                                                                     | Torque (Nm)              | 08 - 10                         |                           | 25 - 30            |                            |

PB602953



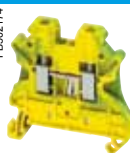
PB602200



| NSYTRV952BC                    |                | NSYTRV1502BB                    |                |
|--------------------------------|----------------|---------------------------------|----------------|
| 95 mm <sup>2</sup>             |                | 150 mm <sup>2</sup>             |                |
| Passthrough - lug to connector |                | Passthrough - lug to lug        |                |
| 1 pole - 1 x 1                 |                | 1 pole - 1 x 1                  |                |
| Grey                           |                | Grey                            |                |
| 1000 V, 232 A                  |                | 1000 V, 309 A                   |                |
| 114                            |                | 119                             |                |
| 86                             |                | 100                             |                |
| 40                             |                | 46                              |                |
| 95                             |                | 150                             |                |
| 35 - 95                        |                | 50 - 150                        |                |
| 25 - 95                        |                | 35 - 150                        |                |
| 1000 V, 232 A                  |                | 1000 V, 309 A                   |                |
| 600 V, 230 A, 2 - 4/0 AWG      |                | 600 V, 285 A, 2 - 300 AWG/kcmil |                |
| 600 V, 230 A, 2 - 4/0 AWG      |                | 600 V, 285 A, 2 - 300 AWG/kcmil |                |
| -                              |                | -                               |                |
| UL, CSA, GL, GOST              |                | UL, CSA, GL                     |                |
| Sold in lots of                | Unit reference | Sold in lots of                 | Unit reference |
| 10                             | NSYTRV952BC    | 10                              | NSYTRV1502BB   |
| -                              | -              | -                               | -              |
| 50                             | NSYTRAAB35     | 50                              | NSYTRAAB35     |
| 50                             | NSYTRAABV35    | 50                              | NSYTRAABV35    |
| -                              | -              | -                               | -              |
| 10                             | NSYTRAC952     | 10                              | NSYTRAC952     |
| 10                             | NSYTRAL952     | 10                              | NSYTRAL1502    |
| -                              | -              | -                               | -              |
| 10                             | NSYTRAATM1     | 10                              | NSYTRAATM1     |
| 10                             | NSYTRAATP1     | 10                              | NSYTRAATP1     |
| -                              | -              | -                               | -              |
| 10                             | NSYTRACP1      | 10                              | NSYTRACP2      |
| 100                            | NSYTRASB4      | 100                             | NSYTRASB4      |
| 20                             | NSYSDR200BD    | 20                              | NSYSDR200BD    |
| 29                             |                | 29                              |                |
| M8 / M12                       |                | M12                             |                |
| 15 - 20 / 25 - 30              |                | 25 - 30                         |                |

### Screw terminal blocks - Protective earth

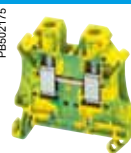
PB602/74

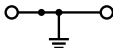


PB602/76



PB602/75



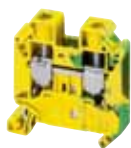
|                                                                                     |                                                                                        |                                              |                                              |                                              |                           |                    |                           |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|---------------------------|--------------------|---------------------------|
|                                                                                     |                                                                                        | NSYTRV22PE                                   | NSYTRV42PE                                   | NSYTRV62PE                                   |                           |                    |                           |
| Nominal c.s.a.                                                                      |                                                                                        | 2.5 mm²                                      | 4 mm²                                        | 6 mm²                                        |                           |                    |                           |
|                                                                                     | Type of block                                                                          | Protective earth                             | Protective earth                             | Protective earth                             |                           |                    |                           |
|                                                                                     | Type of connection                                                                     | 1 pole - 1 x 1                               | 1 pole - 1 x 1                               | 1 pole - 1 x 1                               |                           |                    |                           |
|                                                                                     | Colour                                                                                 | Green/Yellow                                 | Green/Yellow                                 | Green/Yellow                                 |                           |                    |                           |
| Max. electric values                                                                |                                                                                        | -                                            | -                                            | -                                            |                           |                    |                           |
| Dimensions (mm)                                                                     |                                                                                        |                                              |                                              |                                              |                           |                    |                           |
| Cabling c.s.a. (mm²)                                                                | Length                                                                                 | 47.7                                         | 47.7                                         | 47.7                                         |                           |                    |                           |
|                                                                                     | Height                                                                                 | 47.5                                         | 47.5                                         | 47.5                                         |                           |                    |                           |
|                                                                                     | Width                                                                                  | 5.2                                          | 6.2                                          | 8.2                                          |                           |                    |                           |
|                                                                                     |                                                                                        | 2.5                                          | 4                                            | 6                                            |                           |                    |                           |
|                                                                                     | Flexible cable                                                                         | 0.14 - 4                                     | 0.14 - 6                                     | 0.2 - 10                                     |                           |                    |                           |
|                                                                                     | Solid cable                                                                            | 0.14 - 4                                     | 0.14 - 6                                     | 0.2 - 10                                     |                           |                    |                           |
| Nominal electric values                                                             |                                                                                        |                                              |                                              |                                              |                           |                    |                           |
| Certifications                                                                      | IEC/EN 60947-7-1                                                                       | -                                            | -                                            | -                                            |                           |                    |                           |
|                                                                                     | UL                                                                                     | 26 - 12 AWG                                  | 26 - 10 AWG                                  | 24 - 8 AWG                                   |                           |                    |                           |
|                                                                                     | CSA                                                                                    | 26 - 12 AWG                                  | 26 - 10 AWG                                  | 24 - 8 AWG                                   |                           |                    |                           |
|                                                                                     | ATEX  | -                                            | -                                            | -                                            |                           |                    |                           |
|                                                                                     |                                                                                        | UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                           |                    |                           |
| Terminal blocks                                                                     |                                                                                        |                                              |                                              |                                              |                           |                    |                           |
|  | Green/Yellow                                                                           | Sold in lots of 50                           | Unit reference NSYTRV22PE                    | Sold in lots of 50                           | Unit reference NSYTRV42PE | Sold in lots of 50 | Unit reference NSYTRV62PE |
| Accessories                                                                         |                                                                                        |                                              |                                              |                                              |                           |                    |                           |
| End stop for 35 mm DIN rail                                                         | Clip-on, 5.2 mm                                                                        | 50                                           | NSYTRAAB35                                   | 50                                           | NSYTRAAB35                | 50                 | NSYTRAAB35                |
|                                                                                     | With screw, 9.5 mm                                                                     | 50                                           | NSYTRAABV35                                  | 50                                           | NSYTRAABV35               | 50                 | NSYTRAABV35               |
| End plate, width 2.2 mm                                                             | Grey                                                                                   | 50                                           | NSYTRAC22                                    | 50                                           | NSYTRAC22                 | 50                 | NSYTRAC22                 |
|                                                                                     | Blue                                                                                   | 50                                           | NSYTRAC22BL                                  | 50                                           | NSYTRAC22BL               | 50                 | NSYTRAC22BL               |
| Partition plate, width 2 mm                                                         | Grey                                                                                   | 50                                           | NSYTRAP22                                    | 50                                           | NSYTRAP22                 | 50                 | NSYTRAP22                 |
|                                                                                     | Blue                                                                                   | 50                                           | NSYTRAP22BL                                  | 50                                           | NSYTRAP22BL               | 50                 | NSYTRAP22BL               |
| Plug-in bridge Red                                                                  | 2-pole                                                                                 | 50                                           | NSYTRAL22                                    | 50                                           | NSYTRAL42                 | 10                 | NSYTRAL62                 |
|                                                                                     | 3-pole                                                                                 | 50                                           | NSYTRAL23                                    | 50                                           | NSYTRAL43                 | 10                 | NSYTRAL63                 |
|                                                                                     | 4-pole                                                                                 | 50                                           | NSYTRAL24                                    | 50                                           | NSYTRAL44                 | -                  | -                         |
|                                                                                     | 5-pole                                                                                 | 50                                           | NSYTRAL25                                    | 50                                           | NSYTRAL45                 | -                  | -                         |
|                                                                                     | 10-pole                                                                                | 10                                           | NSYTRAL210                                   | 10                                           | NSYTRAL410                | 10                 | NSYTRAL610                |
|                                                                                     | 20-pole                                                                                | 10                                           | NSYTRAL220                                   | 10                                           | NSYTRAL420                | -                  | -                         |
|                                                                                     |                                                                                        |                                              |                                              |                                              |                           |                    |                           |
| Test plug                                                                           | Metalic part, Ø 2.3 mm                                                                 | 10                                           | NSYTRAATM1                                   | 10                                           | NSYTRAATM1                | 10                 | NSYTRAATM1                |
|                                                                                     | Insulating sleeve, red                                                                 | 10                                           | NSYTRAATP1                                   | 10                                           | NSYTRAATP1                | 10                 | NSYTRAATP1                |
| Test adaptor                                                                        | For plug-in bridge shaft                                                               | 10                                           | NSYTRAFT                                     | 10                                           | NSYTRAFT                  | 10                 | NSYTRAFT                  |
| Warning label                                                                       | Yellow                                                                                 | 10                                           | NSYTRACS2                                    | 10                                           | NSYTRACS4                 | 10                 | NSYTRACS6                 |
| Marker tag holder                                                                   | For ●AB35 end stop                                                                     | 100                                          | NSYTRASB4                                    | 100                                          | NSYTRASB4                 | 100                | NSYTRASB4                 |
| DIN rail 35 x 7.2 mm                                                                | Perforated, 2 m long                                                                   | 20                                           | NSYSDR200BD                                  | 20                                           | NSYSDR200BD               | 20                 | NSYSDR200BD               |
| Marking accessories                                                                 |                                                                                        | See page 80                                  |                                              |                                              |                           |                    |                           |
| General data                                                                        |                                                                                        |                                              |                                              |                                              |                           |                    |                           |
|                                                                                     | Strip length (mm)                                                                      | 9                                            | 9                                            | 10                                           |                           |                    |                           |
|                                                                                     | Screw thread                                                                           | M3                                           | M3                                           | M4                                           |                           |                    |                           |
|                                                                                     | Torque (Nm)                                                                            | 0.5 - 0.6                                    | 0.6 - 0.8                                    | 1.5 - 1.8                                    |                           |                    |                           |



PG602180



PG602185



PG602177



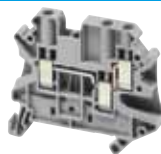
PG602186



| NSYTRV102PE                                  |                | NSYTRV162PE                                  |                | NSYTRV352PE                         |                | NSYTRV502PE                             |                |
|----------------------------------------------|----------------|----------------------------------------------|----------------|-------------------------------------|----------------|-----------------------------------------|----------------|
| 10 mm <sup>2</sup>                           |                | 16 mm <sup>2</sup>                           |                | 35 mm <sup>2</sup>                  |                | 50 mm <sup>2</sup>                      |                |
| Protective earth                             |                | Protective earth                             |                | Protective earth                    |                | Protective earth                        |                |
| 1 pole - 1 x 1                               |                | 1 pole - 1 x 1                               |                | 1 pole - 1 x 1                      |                | 1 pole - 1 x 1                          |                |
| Green/Yellow                                 |                | Green/Yellow                                 |                | Green/Yellow                        |                | Green/Yellow                            |                |
| -                                            |                | -                                            |                | -                                   |                | -                                       |                |
| 47.7                                         |                | 55                                           |                | 65.7                                |                | 70.5                                    |                |
| 47.5                                         |                | 55.5                                         |                | 60.2                                |                | 83.5                                    |                |
| 10.2                                         |                | 12.2                                         |                | 16                                  |                | 20                                      |                |
| 10                                           |                | 16                                           |                | 35                                  |                | 50                                      |                |
| 0.5 - 16                                     |                | 1.5 - 25                                     |                | 1.5 - 35                            |                | 25 - 70                                 |                |
| 0.5 - 16                                     |                | 1.5 - 25                                     |                | 1.5 - 35                            |                | 16 - 70                                 |                |
| 76 A                                         |                | 101 A                                        |                | 125 A                               |                | 150 A                                   |                |
| 20 - 6 AWG                                   |                | 16 - 4 AWG                                   |                | 14 - 1/0 AWG                        |                | 6 - 1/0 AWG                             |                |
| 20 - 6 AWG                                   |                | 16 - 4 AWG                                   |                | 14 - 1/0 AWG                        |                | 6 - 1/0 AWG                             |                |
| -                                            |                | -                                            |                | -                                   |                | -                                       |                |
| UL, CSA, VDE, ATEX, IECEx, GL, LR; DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, GOST |                | UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST |                |
| Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference | Sold in lots of                     | Unit reference | Sold in lots of                         | Unit reference |
| 50                                           | NSYTRV102PE    | 50                                           | NSYTRV162PE    | 50                                  | NSYTRV352PE    | 50                                      | NSYTRV502PE    |
| 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     | 50                                  | NSYTRAAB35     | 50                                      | NSYTRAAB35     |
| 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    | 50                                  | NSYTRAABV35    | 50                                      | NSYTRAABV35    |
| 50                                           | NSYTRAC22      | 50                                           | NSYTRAC162     | -                                   | Included       | -                                       | Included       |
| 50                                           | NSYTRAC22BL    | -                                            | -              | -                                   | -              | -                                       | -              |
| 50                                           | NSYTRAP22      | -                                            | -              | -                                   | -              | -                                       | -              |
| 50                                           | NSYTRAP22BL    | -                                            | -              | -                                   | -              | -                                       | -              |
| 10                                           | NSYTRAL102     | 10                                           | NSYTRAL162     | 10                                  | NSYTRAL352     | -                                       | -              |
| -                                            | -              | -                                            | -              | -                                   | -              | -                                       | -              |
| -                                            | -              | -                                            | -              | -                                   | -              | -                                       | -              |
| -                                            | -              | -                                            | -              | -                                   | -              | -                                       | -              |
| -                                            | -              | -                                            | -              | -                                   | -              | -                                       | -              |
| -                                            | -              | -                                            | -              | -                                   | -              | -                                       | -              |
| 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     | 10                                  | NSYTRAATM1     | 10                                      | NSYTRAATM1     |
| 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     | 10                                  | NSYTRAATP1     | 10                                      | NSYTRAATP1     |
| 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       | 10                                  | NSYTRAFT       | 10                                      | NSYTRAFT       |
| 10                                           | NSYTRACS10     | 10                                           | NSYTRACS10     | 10                                  | NSYTRACS10     | 10                                      | NSYTRACS10     |
| 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      | 100                                 | NSYTRASB4      | 100                                     | NSYTRASB4      |
| 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    | 20                                  | NSYSDR200BD    | 20                                      | NSYSDR200BD    |
| 10                                           |                | 14                                           |                | 18                                  |                | 24                                      |                |
| M4                                           |                | M5                                           |                | M6                                  |                | M6                                      |                |
| 1.5 - 1.8                                    |                | 2.5 - 3                                      |                | 3.2 - 3.7                           |                | 6 - 8                                   |                |

### Screw terminal blocks - Double deck passthrough

PB502181



PB502183



|                                   |                          | NSYTRV43                                | NSYTRV44                                |                 |                |
|-----------------------------------|--------------------------|-----------------------------------------|-----------------------------------------|-----------------|----------------|
| Nominal c.s.a.                    |                          | 4 mm²                                   | 4 mm²                                   |                 |                |
|                                   | Type of block            | Passthrough - Multi-pole                | Passthrough - Multi-pole                |                 |                |
|                                   | Type of connection       | 1 pole - 1 x 2                          | 1 pole - 2 x 2                          |                 |                |
|                                   | Colour                   | Grey                                    | Grey                                    |                 |                |
| Max. electric values (Umax, Imax) |                          | 500 V, 41 A                             | 500 V, 39 A                             |                 |                |
| Dimensions (mm)                   |                          |                                         |                                         |                 |                |
|                                   | Length                   | 57.8                                    | 65.4                                    |                 |                |
|                                   | Height                   | 47.5                                    | 47.5                                    |                 |                |
|                                   | Width                    | 6.2                                     | 6.2                                     |                 |                |
| Cabling c.s.a. (mm²)              |                          | 4                                       | 4                                       |                 |                |
|                                   | Flexible cable           | 0.14 - 6                                | 0.14 - 6                                |                 |                |
|                                   | Solid cable              | 0.14 - 6                                | 0.14 - 6                                |                 |                |
| Nominal electric values           |                          |                                         |                                         |                 |                |
|                                   | IEC/EN 60947-7-1         | 500 V, 32 A                             | 500 V, 32 A                             |                 |                |
|                                   | UL                       | 150 V, 30 A, 26 - 10 AWG                | 150 V, 30 A, 26 - 10 AWG                |                 |                |
|                                   | CSA                      | 150 V, 30 A, 26 - 10 AWG                | 150 V, 30 A, 26 - 10 AWG                |                 |                |
|                                   | ATEX ⚡                   | 352 V, 29 A                             | 352 V, 29 A                             |                 |                |
| Certifications                    |                          | UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST |                 |                |
| Terminal blocks                   |                          |                                         |                                         |                 |                |
|                                   |                          | Sold in lots of                         | Unit reference                          | Sold in lots of | Unit reference |
|                                   | Grey                     | 50                                      | NSYTRV43                                | 50              | NSYTRV44       |
|                                   | Blue                     | 50                                      | NSYTRV43BL                              | 50              | NSYTRV44BL     |
| Accessories                       |                          |                                         |                                         |                 |                |
| End stop<br>for 35 mm DIN rail    | Clip-on, 5.2 mm          | 50                                      | NSYTRAAB35                              | 50              | NSYTRAAB35     |
|                                   | With screw, 9.5 mm       | 50                                      | NSYTRAABV35                             | 50              | NSYTRAABV35    |
| End plate,<br>width 2.2 mm        | Grey                     | 50                                      | NSYTRAC23                               | 50              | NSYTRAC24      |
|                                   | Grey, partial plate      | -                                       | -                                       | -               | -              |
| Partition plate,<br>width 2 mm    | Grey                     | 50                                      | NSYTRAP23                               | 50              | NSYTRAP24      |
|                                   | Blue                     | -                                       | -                                       | -               | -              |
| Plug-in bridge<br>Red             | 2-pole                   | 50                                      | NSYTRAL42                               | 50              | NSYTRAL42      |
|                                   | 3-pole                   | 50                                      | NSYTRAL43                               | 50              | NSYTRAL43      |
|                                   | 4-pole                   | 50                                      | NSYTRAL44                               | 50              | NSYTRAL44      |
|                                   | 5-pole                   | 50                                      | NSYTRAL45                               | 50              | NSYTRAL45      |
|                                   | 10-pole                  | 10                                      | NSYTRAL410                              | 10              | NSYTRAL410     |
|                                   | 20-pole                  | 10                                      | NSYTRAL420                              | 10              | NSYTRAL420     |
|                                   | Vertical bridge          | 1-pole                                  | -                                       | -               | -              |
| Test plug                         | Metalic part, Ø 2.3 mm   | 10                                      | NSYTRAATM1                              | 10              | NSYTRAATM1     |
|                                   | Insulating sleeve, red   | 10                                      | NSYTRAATP1                              | 10              | NSYTRAATP1     |
| Test adaptor                      | For plug-in bridge shaft | 10                                      | NSYTRAFT                                | 10              | NSYTRAFT       |
| Warning label                     | Yellow                   | 10                                      | NSYTRACS4                               | 10              | NSYTRACS4      |
| Marker tag holder                 | For ●AB35 end stop       | 100                                     | NSYTRASB4                               | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm              | Perforated, 2 m long     | 20                                      | NSYSDR200BD                             | 20              | NSYSDR200BD    |
| Marking accessories               |                          | See page 80                             |                                         |                 |                |
| General data                      |                          |                                         |                                         |                 |                |
|                                   | Strip length (mm)        | 9                                       |                                         | 9               |                |
|                                   | Screw thread             | M3                                      |                                         | M3              |                |
|                                   | Torque (Nm)              | 0.6 - 0.8                               |                                         | 0.6 - 0.8       |                |

PG602187



PG602188



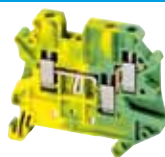
PG602115



| NSYTRV24D                               |                | NSYTRV44D                               |                | NSYTRV26T                 |                |
|-----------------------------------------|----------------|-----------------------------------------|----------------|---------------------------|----------------|
| 2.5 mm <sup>2</sup>                     |                | 4 mm <sup>2</sup>                       |                | 2.5 mm <sup>2</sup>       |                |
| Passthrough - Double deck               |                | Passthrough - Double deck               |                | Passthrough - Triple deck |                |
| 2 pole - 1 x 1                          |                | 2 pole - 1 x 1                          |                | 3 pole - 1 x 1            |                |
| Grey                                    |                | Grey                                    |                | Grey                      |                |
| 500 V, 28 A                             |                | 800 V, 36 A                             |                | 500 V, 24 A               |                |
| 69.9                                    |                | 69.9                                    |                | 90                        |                |
| 65                                      |                | 65                                      |                | 77.5                      |                |
| 5.2                                     |                | 6.2                                     |                | 5.2                       |                |
| 2.5                                     |                | 4                                       |                | 2.5                       |                |
| 0.14 - 4                                |                | 0.14 - 6                                |                | 0.14 - 4                  |                |
| 0.14 - 4                                |                | 0.14 - 6                                |                | 0.14 - 4                  |                |
| 500 V, 24 A                             |                | 800 V, 30 A                             |                | 500 V, 20 A               |                |
| 600 V, 20 A, 26 - 12 AWG                |                | 600 V, 30 A, 26 - 10 AWG                |                | 600 V, 20 A, 26 - 12 AWG  |                |
| 600 V, 20 A, 26 - 12 AWG                |                | 600 V, 30 A, 26 - 10 AWG                |                | 600 V, 20 A, 26 - 12 AWG  |                |
| 352 V, 20 A                             |                | 440 V, 25.5 A                           |                | -                         |                |
| UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, GOST             |                |
| Sold in lots of                         | Unit reference | Sold in lots of                         | Unit reference | Sold in lots of           | Unit reference |
| 50                                      | NSYTRV24D      | 50                                      | NSYTRV44D      | 50                        | NSYTRV26T      |
| 50                                      | NSYTRV24DBL    | 50                                      | NSYTRV44DBL    | -                         | -              |
| 50                                      | NSYTRAAB35     | 50                                      | NSYTRAAB35     | 50                        | NSYTRAAB35     |
| 50                                      | NSYTRAABV35    | 50                                      | NSYTRAABV35    | 50                        | NSYTRAABV35    |
| 50                                      | NSYTRACE24     | 50                                      | NSYTRACE24     | 50                        | NSYTRACE26     |
| 50                                      | NSYTRACEP24    | 50                                      | NSYTRACEP24    | -                         | -              |
| 50                                      | NSYTRAPE24     | 50                                      | NSYTRAPE24     | -                         | -              |
| -                                       | -              | -                                       | -              | -                         | -              |
| 50                                      | NSYTRAL22      | 50                                      | NSYTRAL42      | 50                        | NSYTRAL22      |
| 50                                      | NSYTRAL23      | 50                                      | NSYTRAL43      | 50                        | NSYTRAL23      |
| 50                                      | NSYTRAL24      | 50                                      | NSYTRAL44      | 50                        | NSYTRAL24      |
| 50                                      | NSYTRAL25      | 50                                      | NSYTRAL45      | 50                        | NSYTRAL25      |
| 10                                      | NSYTRAL210     | 10                                      | NSYTRAL410     | 10                        | NSYTRAL210     |
| 10                                      | NSYTRAL220     | 10                                      | NSYTRAL420     | 10                        | NSYTRAL220     |
| 50                                      | NSYTRALV24     | 50                                      | NSYTRALV24     | -                         | -              |
| 10                                      | NSYTRAATM1     | 10                                      | NSYTRAATM1     | 10                        | NSYTRAATM1     |
| 10                                      | NSYTRAATP1     | 10                                      | NSYTRAATP1     | 10                        | NSYTRAATP1     |
| 10                                      | NSYTRAFT       | 10                                      | NSYTRAFT       | 10                        | NSYTRAFT       |
| 10                                      | NSYTRACS2      | 10                                      | NSYTRACS4      | 10                        | NSYTRACS2      |
| 100                                     | NSYTRASB4      | 100                                     | NSYTRASB4      | 100                       | NSYTRASB4      |
| 20                                      | NSYSDR200BD    | 20                                      | NSYSDR200BD    | 20                        | NSYSDR200BD    |
| 9                                       |                | 9                                       |                | 9                         |                |
| M3                                      |                | M3                                      |                | M3                        |                |
| 0.5 - 0.6                               |                | 0.6 - 0.8                               |                | 0.5 - 0.6                 |                |

### Screw terminal blocks - Double deck protective earth

PE502182



PE502184



|                                |                          | NSYTRV43PE                              |                | NSYTRV44PE                              |                |
|--------------------------------|--------------------------|-----------------------------------------|----------------|-----------------------------------------|----------------|
| Nominal c.s.a.                 |                          | 4 mm²                                   |                | 4 mm²                                   |                |
|                                | Type of block            | Protective earth - Multi-pole           |                | Protective earth - Multi-pole           |                |
|                                | Type of connection       | 1 pole - 1 x 2                          |                | 1 pole - 2 x 2                          |                |
|                                | Colour                   | Green/Yellow                            |                | Green/Yellow                            |                |
| Max. electric values           |                          | -                                       |                | -                                       |                |
| Dimensions (mm)                |                          |                                         |                |                                         |                |
|                                | Length                   | 57.8                                    |                | 65.4                                    |                |
|                                | Height                   | 47.5                                    |                | 47.5                                    |                |
|                                | Width                    | 6.2                                     |                | 6.2                                     |                |
| Cabling c.s.a. (mm²)           |                          | 4                                       |                | 4                                       |                |
|                                | Flexible cable           | 0.14 - 6                                |                | 0.14 - 6                                |                |
|                                | Solid cable              | 0.14 - 6                                |                | 0.14 - 6                                |                |
| Nominal electric values        |                          |                                         |                |                                         |                |
|                                | IEC/EN 60947-7-1         | -                                       |                | -                                       |                |
|                                | UL                       | 26 - 12 AWG                             |                | 26 - 12 AWG                             |                |
|                                | CSA                      | 26 - 12 AWG                             |                | 26 - 12 AWG                             |                |
|                                | ATEX ⚡                   | -                                       |                | -                                       |                |
| Certifications                 |                          | UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST |                |
| Terminal blocks                |                          |                                         |                |                                         |                |
|                                | Green/Yellow             | Sold in lots of                         | Unit reference | Sold in lots of                         | Unit reference |
|                                |                          | 50                                      | NSYTRV43PE     | 50                                      | NSYTRV44PE     |
| Accessories                    |                          |                                         |                |                                         |                |
| End stop                       | Clip-on, 5.2 mm          | 50                                      | NSYTRAAB35     | 50                                      | NSYTRAAB35     |
| for 35 mm DIN rail             | With screw, 9.5 mm       | 50                                      | NSYTRAABV35    | 50                                      | NSYTRAABV35    |
| End plate,<br>width 2.2 mm     | Grey                     | 50                                      | NSYTRAC23      | 50                                      | NSYTRAC24      |
|                                | Grey, partial plate      | -                                       | -              | -                                       | -              |
| Partition plate,<br>width 2 mm | Grey                     | 50                                      | NSYTRAP23      | 50                                      | NSYTRAP24      |
|                                | Blue                     | -                                       | -              | -                                       | -              |
| Plug-in bridge<br>Red          | 2-pole                   | 50                                      | NSYTRAL42      | 50                                      | NSYTRAL42      |
|                                | 3-pole                   | 50                                      | NSYTRAL43      | 50                                      | NSYTRAL43      |
|                                | 4-pole                   | 50                                      | NSYTRAL44      | 50                                      | NSYTRAL44      |
|                                | 5-pole                   | 50                                      | NSYTRAL45      | 50                                      | NSYTRAL45      |
|                                | 10-pole                  | 10                                      | NSYTRAL410     | 10                                      | NSYTRAL410     |
|                                | 20-pole                  | 10                                      | NSYTRAL420     | 10                                      | NSYTRAL420     |
| Test plug                      | Metalic part, Ø 2.3 mm   | 10                                      | NSYTRAATM1     | 10                                      | NSYTRAATM1     |
|                                | Insulating sleeve, red   | 10                                      | NSYTRAATP1     | 10                                      | NSYTRAATP1     |
| Test adaptor                   | For plug-in bridge shaft | 10                                      | NSYTRAFT       | 10                                      | NSYTRAFT       |
| Warning label                  | Yellow                   | 100                                     | NSYTRACS4      | 100                                     | NSYTRACS4      |
| Marker tag holder              | For ●AB35 end stop       | 20                                      | NSYTRASB4      | 20                                      | NSYTRASB4      |
| DIN rail 35 x 7.2 mm           | Perforated, 2 m long     | 20                                      | NSYSDR200BD    | 20                                      | NSYSDR200BD    |
| Marking accessories            |                          | See page 80                             |                |                                         |                |
| General data                   |                          |                                         |                |                                         |                |
|                                | Strip length (mm)        | 9                                       |                | 9                                       |                |
|                                | Screw thread             | M3                                      |                | M3                                      |                |
|                                | Torque (Nm)              | 0.6 - 0.8                               |                | 0.6 - 0.8                               |                |

PG92/102



PG92/101



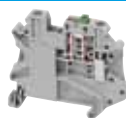
| NSYTRV24DPE                             | NSYTRV44DPE                             |
|-----------------------------------------|-----------------------------------------|
| 2.5 mm <sup>2</sup>                     | 4 mm <sup>2</sup>                       |
| Protective earth - Double deck          | Protective earth - Double deck          |
| 1 pole - 2 x 2                          | 1 pole - 2 x 2                          |
| Green/Yellow                            | Green/Yellow                            |
| -                                       | -                                       |
| 69.9                                    | 69.9                                    |
| 65                                      | 65                                      |
| 5.2                                     | 6.2                                     |
| 2.5                                     | 4                                       |
| 0.14 - 4                                | 0.14 - 6                                |
| 0.14 - 4                                | 0.14 - 6                                |
| -                                       | -                                       |
| 26 - 12 AWG                             | 26 - 10 AWG                             |
| 26 - 12 AWG                             | 26 - 10 AWG                             |
| -                                       | -                                       |
| UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, ATEX, IECEx, GL, LR, DNV, GOST |

| Sold in lots of | Unit reference | Sold in lots of | Unit reference |
|-----------------|----------------|-----------------|----------------|
| 50              | NSYTRV24DPE    | 50              | NSYTRV44DPE    |
| 50              | NSYTRAAB35     | 50              | NSYTRAAB35     |
| 50              | NSYTRAABV35    | 50              | NSYTRAABV35    |
| 50              | NSYTRACE24     | 50              | NSYTRACE24     |
| 50              | NSYTRACEP24    | 50              | NSYTRACEP24    |
| 50              | NSYTRAPE24     | 50              | NSYTRAPE24     |
| -               | -              | -               | -              |
| 50              | NSYTRAL22      | 50              | NSYTRAL42      |
| 50              | NSYTRAL23      | 50              | NSYTRAL43      |
| 50              | NSYTRAL24      | 50              | NSYTRAL44      |
| 50              | NSYTRAL25      | 50              | NSYTRAL45      |
| 10              | NSYTRAL210     | 10              | NSYTRAL410     |
| 10              | NSYTRAL220     | 10              | NSYTRAL420     |
| 10              | NSYTRAATM1     | 10              | NSYTRAATM1     |
| 10              | NSYTRAATP1     | 10              | NSYTRAATP1     |
| 10              | NSYTRAFT       | 10              | NSYTRAFT       |
| 100             | NSYTRACS2      | 100             | NSYTRACS4      |
| 20              | NSYTRASB4      | 20              | NSYTRASB4      |
| 20              | NSYSDR200BD    | 20              | NSYSDR200BD    |

|           |           |
|-----------|-----------|
| 9         | 9         |
| M3        | M3        |
| 0.5 - 0.6 | 0.6 - 0.8 |

### Screw terminal blocks - Disconnect

PB502179



PB502178



PB502193



|                                   |                                    | NSYTRV42SC               | NSYTRV42TB               | NSYTRV42SCD              |                |                 |                |
|-----------------------------------|------------------------------------|--------------------------|--------------------------|--------------------------|----------------|-----------------|----------------|
| Nominal c.s.a.                    |                                    | 4 mm²                    | 4 mm²                    | 4 mm²                    |                |                 |                |
|                                   | Type of block                      | Disconnect (blade)       | Disconnect (for carrier) | Disconnect - Double deck |                |                 |                |
|                                   | Type of connection                 | 1 pole - 1 x 1           | 1 pole - 1 x 1           | 2 pole - 1 x 1           |                |                 |                |
|                                   | Color                              | Grey                     | Grey                     | Grey                     |                |                 |                |
| Max. electric values (Umax, Imax) |                                    | 500 V, 20 A              | 400 V, 20 A              | 500 V, 38 A              |                |                 |                |
| Dimensions (mm)                   |                                    |                          |                          |                          |                |                 |                |
|                                   | Length                             | 57.8                     | 57.8                     | 69.9                     |                |                 |                |
|                                   | Height                             | 49.1                     | 47.5                     | 65                       |                |                 |                |
|                                   | Width                              | 6.2                      | 6.2                      | 6.2                      |                |                 |                |
| Cabling c.s.a. (mm²)              |                                    | 4                        | 4                        | 4                        |                |                 |                |
|                                   | Flexible cable                     | 0.14 - 6                 | 0.14 - 6                 | 0.14 - 6                 |                |                 |                |
|                                   | Solid cable                        | 0.14 - 6                 | 0.14 - 6                 | 0.14 - 6                 |                |                 |                |
| Nominal electric values           |                                    |                          |                          |                          |                |                 |                |
|                                   | IEC/EN 60947-7-1                   | 500 V, 20 A              | 500 V, 20 A              | 500 V, 30 A              |                |                 |                |
|                                   | UL                                 | 600 V, 16 A, 26 - 10 AWG | 600 V, 16 A, 26 - 10 AWG | 300 V, 30 A, 26 - 10 AWG |                |                 |                |
|                                   | CSA                                | 600 V, 16 A, 26 - 10 AWG | 600 V, 16 A, 26 - 10 AWG | 300 V, 30 A, 26 - 10 AWG |                |                 |                |
|                                   | ATEX ⚡                             | -                        | -                        | -                        |                |                 |                |
| Certifications                    |                                    | UL, CSA, GOST            | UL, CSA, GOST            | UL, CSA, GOST            |                |                 |                |
| Terminal blocks                   |                                    |                          |                          |                          |                |                 |                |
|                                   |                                    | Sold in lots of          | Unit reference           | Sold in lots of          | Unit reference | Sold in lots of | Unit reference |
|                                   | Grey                               | 50                       | NSYTRV42SC               | 50                       | NSYTRV42TB     | 50              | NSYTRV42SCD    |
|                                   | Grey, with test points             | 50                       | NSYTRV42ST               | -                        | -              | -               | -              |
|                                   | Orange, with test points           | 50                       | NSYTRV42STAR             | -                        | -              | -               | -              |
| Accessories                       |                                    |                          |                          |                          |                |                 |                |
| End stop<br>for 35mm DIN rail     | Clip-on, 5.2 mm                    | 50                       | NSYTRAAB35               | 50                       | NSYTRAAB35     | 50              | NSYTRAAB35     |
|                                   | With screw, 9.5 mm                 | 50                       | NSYTRAABV35              | 50                       | NSYTRAABV35    | 50              | NSYTRAABV35    |
| End plate,<br>width 2.2 mm        | Grey                               | -                        | Included                 | -                        | Included       | 50              | NSYTRACE24     |
|                                   | Grey, partial plate                | -                        | -                        | -                        | -              | 50              | NSYTRACEP24    |
| Partition plate,<br>width 2 mm    | Grey                               | 50                       | NSYTRAP23                | 50                       | NSYTRAP23      | 50              | NSYTRAPE24     |
|                                   | Blue                               | -                        | -                        | -                        | -              | -               | -              |
| Plug-in bridge<br>Red             | 2-pole                             | 50                       | NSYTRAL42                | 50                       | NSYTRAL42      | 50              | NSYTRAL42      |
|                                   | 3-pole                             | 50                       | NSYTRAL43                | 50                       | NSYTRAL43      | 50              | NSYTRAL43      |
|                                   | 4-pole                             | 50                       | NSYTRAL44                | 50                       | NSYTRAL44      | 50              | NSYTRAL44      |
|                                   | 5-pole                             | 50                       | NSYTRAL45                | 50                       | NSYTRAL45      | 50              | NSYTRAL45      |
|                                   | 10-pole                            | 10                       | NSYTRAL410               | 10                       | NSYTRAL410     | 10              | NSYTRAL410     |
|                                   | 20-pole                            | 10                       | NSYTRAL420               | 10                       | NSYTRAL420     | 10              | NSYTRAL420     |
| Vertical bridge                   | 1-pole                             | -                        | -                        | -                        | -              | -               | -              |
| Removable carrier                 | For fuse 5 x 20 mm                 | -                        | -                        | 10                       | NSYTRASF520    | -               | -              |
|                                   | For fuse 5 x 20 mm 110 - 250 V LED | -                        | -                        | 10                       | NSYTRASF520M   | -               | -              |
|                                   | For fuse 5 x 20 mm 12 - 30 V LED   | -                        | -                        | 10                       | NSYTRASF520B   | -               | -              |
|                                   | For component                      | -                        | -                        | 10                       | NSYTRASV1      | -               | -              |
|                                   | With 1N4007 diode                  | -                        | -                        | 10                       | NSYTRASV2      | -               | -              |
| Test plug                         | Metalic part, Ø 2.3 mm             | 10                       | NSYTRAATM1               | 10                       | NSYTRAATM1     | 10              | NSYTRAATM1     |
|                                   | Insulating sleeve, red             | 10                       | NSYTRAATP1               | 10                       | NSYTRAATP1     | 10              | NSYTRAATP1     |
| Test adaptor                      | For plug-in bridge shaft           | 10                       | NSYTRAFT                 | 10                       | NSYTRAFT       | 10              | NSYTRAFT       |
| Warning label                     | Yellow                             | 10                       | NSYTRACS4                | 10                       | NSYTRACS4      | 10              | NSYTRACS4      |
| Marker tag holder                 | For ●AB35 end stop                 | 100                      | NSYTRASB4                | 100                      | NSYTRASB4      | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm              | Perforated, 2 m long               | 20                       | NSYSDR200BD              | 20                       | NSYSDR200BD    | 20              | NSYSDR200BD    |
| Marking accessories               |                                    | See page 80              |                          |                          |                |                 |                |
| General data                      |                                    |                          |                          |                          |                |                 |                |
|                                   | Strip length (mm)                  | 9                        | 9                        | 9                        |                |                 |                |
|                                   | Screw thread                       | M3                       | M3                       | M3                       |                |                 |                |
|                                   | Torque (Nm)                        | 0.6 - 0.8                | 0.6 - 0.8                | 0.6 - 0.8                |                |                 |                |

### Screw terminal blocks - Fuse disconnect



|                                   |                                                  | NSYTRV162SF                | NSYTRV42SF5                  | NSYTRV42SF6                  |                |                 |                |
|-----------------------------------|--------------------------------------------------|----------------------------|------------------------------|------------------------------|----------------|-----------------|----------------|
| Nominal c.s.a.                    |                                                  | 16 mm²                     | 4 mm²                        | 16 mm²                       |                |                 |                |
|                                   | Type of block                                    | Disconnect (fixed carrier) | Disconnect (Lever-type fuse) | Disconnect (Lever-type fuse) |                |                 |                |
|                                   | Type of connection                               | 1 pole - 1 x 1             | 1 pole - 1 x 1               | 1 pole - 1 x 1               |                |                 |                |
|                                   | Type of fuse                                     | G-fuse cartridge 5 x 20 mm | G-fuse cartridge 5 x 20 mm   | G-fuse cartridge 6.3 x 32 mm |                |                 |                |
|                                   | Colour                                           | Black                      | Black                        | Black                        |                |                 |                |
| Max. electric values (Umax, Imax) |                                                  | 500 V, 10 A                | 500 V, 6.3 A                 | 500 V, 10 A                  |                |                 |                |
| Dimensions (mm)                   |                                                  |                            |                              |                              |                |                 |                |
|                                   | Length                                           | 62                         | 72.5                         | 79                           |                |                 |                |
|                                   | Height                                           | 57.2                       | 56.5                         | 60.5                         |                |                 |                |
|                                   | Width                                            | 12                         | 8.2                          | 10.2                         |                |                 |                |
| Cabling c.s.a. (mm²)              |                                                  | 16                         | 4                            | 16                           |                |                 |                |
|                                   | Flexible cable                                   | 0.5 - 16                   | 0.2 - 4                      | 0.5 - 16                     |                |                 |                |
|                                   | Solid cable                                      | 0.5 - 16                   | 0.2 - 4                      | 0.5 - 16                     |                |                 |                |
| Nominal electric values           |                                                  |                            |                              |                              |                |                 |                |
|                                   | IEC/EN 60947-7-1                                 | 500 V, 10 A                | 500 V, 6.3 A                 | 500 V, 10 A                  |                |                 |                |
|                                   | UL                                               | 300 V, 20 A, 24 - 6 AWG    | 600 V, 12 A, 26 - 10 AWG     | 600 V, 10 A, 26 - 8 AWG      |                |                 |                |
|                                   | CSA                                              | 300 V, 20 A, 24 - 6 AWG    | 600 V, 12 A, 26 - 10 AWG     | 600 V, 10 A, 26 - 8 AWG      |                |                 |                |
|                                   | ATEX ⚡                                           | -                          | -                            | -                            |                |                 |                |
| Certifications                    |                                                  | UL, CSA, LR, DNV, GOST     | UL, CSA, GOST                | UL, CSA, GOST                |                |                 |                |
| Terminal blocks                   |                                                  |                            |                              |                              |                |                 |                |
|                                   |                                                  | Sold in lots of            | Unit reference               | Sold in lots of              | Unit reference | Sold in lots of | Unit reference |
|                                   | Black                                            | 50                         | NSYTRV162SF                  | 50                           | NSYTRV42SF5    | 50              | NSYTRV42SF6    |
|                                   | Black, with light indicator, 12-30 V AC/DC (1)   | -                          | -                            | 50                           | NSYTRV42SF5LD  | 50              | NSYTRV42SF6LD  |
|                                   | Black, with light indicator, 110-250 V AC/DC (2) | -                          | -                            | 50                           | NSYTRV42SF5LA  | 50              | NSYTRV42SF6LA  |
| Accessories                       |                                                  |                            |                              |                              |                |                 |                |
| End stop                          | Clip-on. 5.2 mm                                  | 50                         | NSYTRAAB35                   | 50                           | NSYTRAAB35     | 50              | NSYTRAAB35     |
| for 35 mm DIN rail                | With screw. 9.5 mm                               | 50                         | NSYTRAABV35                  | 50                           | NSYTRAABV35    | 50              | NSYTRAABV35    |
| End plate,                        | Grey                                             | -                          | Included                     | -                            | Included       | -               | Included       |
| width 2.2 mm                      | Grey, partial plate                              | -                          | -                            | -                            | -              | -               | -              |
| Vertical bridge                   | 1-pole                                           | -                          | -                            | -                            | -              | -               | -              |
| Screw bridge                      | 2-pole                                           | 10                         | NSYTRALF1610                 | -                            | -              | -               | -              |
| Test plug                         | Metalic part, Ø 2.3 mm                           | 10                         | NSYTRAATM1                   | 10                           | NSYTRAATM1     | 10              | NSYTRAATM1     |
|                                   | Insulating sleeve, red                           | 10                         | NSYTRAATP1                   | 10                           | NSYTRAATP1     | 10              | NSYTRAATP1     |
| Test adaptor                      | For plug-in bridge shaft                         | -                          | -                            | -                            | -              | -               | -              |
| Warning label                     | Yellow                                           | -                          | -                            | -                            | -              | -               | -              |
| Marker tag holder                 | For ●AB35 end stop                               | 100                        | NSYTRASB4                    | 100                          | NSYTRASB4      | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm              | Perforated, 2 m long                             | 20                         | NSYSDR200BD                  | 20                           | NSYSDR200BD    | 20              | NSYSDR200BD    |
| Marking accessories               |                                                  | See page 80                |                              |                              |                |                 |                |
| General data                      |                                                  |                            |                              |                              |                |                 |                |
|                                   | Strip length (mm)                                | 11                         | 8                            | 9                            |                |                 |                |
|                                   | Screw thread                                     | M4                         | M3                           | M3                           |                |                 |                |
|                                   | Torque (Nm)                                      | 1.5 - 1.8                  | 0.5 - 0.8                    | 0.6 - 0.8                    |                |                 |                |

(1) If the fuse is faulty, the downstream circuit is not off load.

(2) The current is determined by the fuse used, the voltage by the light indicator. Observe max. power dissipation.

### Screw terminal blocks - Measuring terminals

PB602208



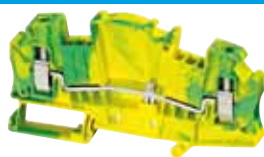
PB602211



|                                            |                        | NSYTRV62TTD             | NSYTRV62TT              |                 |                |
|--------------------------------------------|------------------------|-------------------------|-------------------------|-----------------|----------------|
| Nominal c.s.a.                             |                        | 6 mm²                   | 6 mm²                   |                 |                |
|                                            | Type of block          | Knife disconnect        | Passthrough             |                 |                |
|                                            | Type of connection     | 1 pole - 1 x 1          | 1 pole - 1 x 1          |                 |                |
|                                            | Colour                 | Grey                    | Grey                    |                 |                |
| Max. electric values ( Umax, Imax )        |                        | 500 V, 30 A             | 500 V, 30 A             |                 |                |
| Dimensions (mm)                            |                        |                         |                         |                 |                |
|                                            | Length                 | 100.8                   | 100.8                   |                 |                |
|                                            | Height                 | 49.6                    | 49.6                    |                 |                |
|                                            | Width                  | 8.2                     | 8.2                     |                 |                |
| Cabling c.s.a. (mm²)                       |                        | 6                       | 6                       |                 |                |
|                                            | Flexible cable         | 0.2 - 10                | 0.2 - 10                |                 |                |
|                                            | Solid cable            | 0.2 - 10                | 0.2 - 10                |                 |                |
| Nominal electric values                    |                        |                         |                         |                 |                |
|                                            | IEC/EN 60947-7-1       | 500 V, 30 A             | 500 V, 30 A             |                 |                |
|                                            | UL                     | 600 V, 30 A. 24 - 8 AWG | 600 V, 30 A, 24 - 8 AWG |                 |                |
|                                            | CSA                    | 600 V, 30 A. 24 - 8 AWG | 600 V, 30 A, 24 - 8 AWG |                 |                |
|                                            | ATEX ⚡                 | -                       | -                       |                 |                |
| Certifications                             |                        | UL, CSA, GOST           | UL, CSA, GOST           |                 |                |
| Terminal blocks                            |                        |                         |                         |                 |                |
|                                            |                        | Sold in lots of         | Unit reference          | Sold in lots of | Unit reference |
|                                            | Grey                   | 50                      | NSYTRV62TTD             | 50              | NSYTRV62TT     |
|                                            | Green/Yellow           | -                       | -                       | -               | -              |
| Accessories                                |                        |                         |                         |                 |                |
| End stop for 35 mm DIN rail                | Clip-on, 5.2 mm        | 50                      | NSYTRAAB35              | 50              | NSYTRAAB35     |
|                                            | With screw, 9.5 mm     | 50                      | NSYTRAABV35             | 50              | NSYTRAABV35    |
| End plate, width 2.2 mm                    | Grey                   | 50                      | NSYTRACT22              | 50              | NSYTRACT22     |
|                                            | Blue                   | -                       | -                       | -               | -              |
| Switching jumper, pluggable                | 2 points               | 10                      | NSYTRASJ2               | 10              | NSYTRASJ2      |
|                                            | 3 points               | 10                      | NSYTRASJ3               | 10              | NSYTRASJ3      |
|                                            | 4 points               | 10                      | NSYTRASJ4               | 10              | NSYTRASJ4      |
| Plug-in bridge Red                         | 2-pole                 | 10                      | NSYTRAL62               | 10              | NSYTRAL62      |
|                                            | 3-pole                 | 10                      | NSYTRAL63               | 10              | NSYTRAL63      |
|                                            | 4-pole                 | -                       | -                       | -               | -              |
|                                            | 5-pole                 | -                       | -                       | -               | -              |
|                                            | 10-pole                | 10                      | NSYTRAL610              | 10              | NSYTRAL610     |
| Switching lock                             | Pluggable              | 10                      | NSYTRASJ6               | 10              | NSYTRASJ6      |
| Test plug                                  | Metalic part, Ø 2.3 mm | 10                      | NSYTRAATM1              | 10              | NSYTRAATM1     |
|                                            | Insulating sleeve, red | 10                      | NSYTRAATP1              | 10              | NSYTRAATP1     |
| Test plug adaptor For plug-in bridge shaft | Grey                   | 10                      | NSYTRAFT                | 10              | NSYTRAFT       |
|                                            | Orange                 | 10                      | NSYTRAFTAR              | 10              | NSYTRAFTAR     |
|                                            | Yellow                 | 10                      | NSYTRAFTYE              | 10              | NSYTRAFTYE     |
|                                            | Green                  | 10                      | NSYTRAFTGN              | 10              | NSYTRAFTGN     |
| Marker tag holder                          | For ●AB35 end stop     | 100                     | NSYTRASB4               | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm                       | Perforated, 2 m long   | 20                      | NSYSDR200BD             | 20              | NSYSDR200BD    |
| Marking accessories                        |                        | See page 80             |                         |                 |                |
| General data                               |                        |                         |                         |                 |                |
|                                            | Strip length (mm)      | 10                      |                         | 10              |                |
|                                            | Screw thread           | M4                      |                         | M4              |                |
|                                            | Torque (Nm)            | 1.5 - 1.8               |                         | 1.5 - 1.8       |                |



PB502212



### NSYTRV62TTPE

6 mm<sup>2</sup>

Protective earth

1 pole - 1 x 1

Green/Yellow

-

100.8

49.6

8.2

6

0.2 - 10

0.2 - 10

-

24 - 8 AWG

24 - 8 AWG

-

UL, CSA, GOST

Sold in lots of

-

50

Unit reference

-

NSYTRV62TTPE

50

NSYTRAAB35

50

NSYTRAABV35

50

NSYTRACT22

-

-

-

-

-

-

-

-

10

NSYTRAL62

10

NSYTRAL63

-

-

-

-

10

NSYTRAL610

-

-

10

NSYTRAATM1

10

NSYTRAATP1

10

NSYTRAFT

10

NSYTRAFTAR

10

NSYTRAFTYE

10

NSYTRAFTGN

100

NSYTRASB4

20

NSYSDR200BD

10

M4

1.5 - 1.8

PB502395



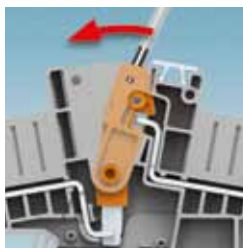
Only two **NSYTRV62TTD** measuring transducer disconnect terminal blocks are required for a current transformer measuring circuit. This means that less space is required compared to a circuit design using slide-type terminal blocks.

PB502399



The new **NSYTRV62TT** measuring transducer disconnect terminal blocks with screw connection technology are characterised by easy operation and clarity. All switching statuses are instantly clearly visible. Due to the extensive range of flexible accessories, costs and time are saved when executing all transducer test circuit tasks.

PB502398



The longitudinal isolating switch contacts snap safely into their respective switching state. Imprinted switching symbols ensure clarity. The optional switching lock snaps in and effectively prevents accidental switching. For simultaneous actuation, two switches can be connected to each other using a connection bridge.

PB502356



The **NSYTRASJ** switch jumpers can be placed on both sides of the disconnect point in the bridge shaft and can be securely snapped in irrespective of the terminal strip configuration. The bridge for the transformer short-circuit can be securely engaged in the end positions and screw terminal points are used to make contact.

### Screw terminal blocks - Neutral disconnect

PF650221



PF650222



|                                    |                          | NSYTRV42NE         | NSYTRV62NE         |                 |                |
|------------------------------------|--------------------------|--------------------|--------------------|-----------------|----------------|
| Nominal c.s.a.                     |                          | 4 (6) mm²          | 6 (10) mm²         |                 |                |
|                                    | Type of block            | Neutral disconnect | Neutral disconnect |                 |                |
|                                    | Type of connection       | 1 pole - 1 x 1     | 1 pole - 1 x 1     |                 |                |
|                                    | Colour                   | Blue               | Blue               |                 |                |
| Max. electric values (Umax , Imax) |                          | 250 V, 32 A        | 400 V, 41 A        |                 |                |
| Dimensions (mm)                    |                          |                    |                    |                 |                |
|                                    | Length                   | 55                 | 55                 |                 |                |
|                                    | Height                   | 47,5               | 47,5               |                 |                |
|                                    | Width                    | 6,2                | 8.2                |                 |                |
| Cabling c.s.a. (mm²)               |                          | 4                  | 6                  |                 |                |
|                                    | Flexible cable           | 0.14 - 6           | 0.2 - 10           |                 |                |
|                                    | Solid cable              | 0.14 - 6           | 0.2 - 10           |                 |                |
| Nominal electric values            |                          |                    |                    |                 |                |
|                                    | IEC/EN 60947-7-1         | 250 V, 32 A        | 400 V, 41 A        |                 |                |
|                                    | UL                       | -                  | -                  |                 |                |
|                                    | CSA                      | -                  | -                  |                 |                |
|                                    | ATEX ⚡                   | -                  | -                  |                 |                |
| Certifications                     |                          | GOST               | GOST               |                 |                |
| Terminal blocks                    |                          |                    |                    |                 |                |
|                                    | Blue                     | Sold in lots of    | Unit reference     | Sold in lots of | Unit reference |
|                                    |                          | 50                 | NSYTRV42NE         | 50              | NSYTRV62NE     |
| Accessories                        |                          |                    |                    |                 |                |
| End stop for 35 mm DIN rail        | Clip-on, 5.2 mm          | 50                 | NSYTRAAB35         | 50              | NSYTRAAB35     |
|                                    | With screw, 9.5 mm       | 50                 | NSYTRAABV35        | 50              | NSYTRAABV35    |
| End plate, width 2.2 mm            | Grey                     | 50                 | NSYTRAC22          | 50              | NSYTRAC22      |
|                                    | Blue                     | 50                 | NSYTRAC22BL        | 50              | NSYTRAC22BL    |
| Partition plate, width 2 mm        | Grey                     | 50                 | NSYTRAP22          | 50              | NSYTRAP22      |
|                                    | Blue                     | 50                 | NSYTRAP22BL        | 50              | NSYTRAP22BL    |
| Plug-in bridge Red                 | 2-pole                   | 50                 | NSYTRAL42          | 10              | NSYTRAL62      |
|                                    | 3-pole                   | 50                 | NSYTRAL43          | 10              | NSYTRAL63      |
|                                    | 4-pole                   | 50                 | NSYTRAL44          | -               | -              |
|                                    | 5-pole                   | 50                 | NSYTRAL45          | -               | -              |
|                                    | 10-pole                  | 10                 | NSYTRAL410         | 10              | NSYTRAL610     |
|                                    | 20-pole                  | 10                 | NSYTRAL420         | -               | -              |
|                                    |                          |                    |                    |                 |                |
| Copper neutral bar                 | 1m long, 10 x 3 mm       | 10                 | NSYTRACB103        | 10              | NSYTRACB103    |
| Terminal clamp for neutral bar     |                          | 25                 | NSYBPCH516         | 25              | NSYBPCH516     |
| Test plug                          | Metalic part, Ø 2.3 mm   | 10                 | NSYTRAATM1         | 10              | NSYTRAATM1     |
|                                    | Insulating sleeve. red   | 10                 | NSYTRAATP1         | 10              | NSYTRAATP1     |
| Test adaptor                       | For plug-in bridge shaft | 10                 | NSYTRAFT           | 10              | NSYTRAFT       |
| Marker tag holder                  | For ●AB35 end stop       | 100                | NSYTRASB4          | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm               | Perforated. 2 m long     | 20                 | NSYSDR200BD        | 20              | NSYSDR200BD    |
| Marking accessories                |                          | See page 80        |                    |                 |                |
| General data                       |                          |                    |                    |                 |                |
|                                    | Strip length (mm)        | 9                  |                    | 10              |                |
|                                    | Screw thread             | M3                 |                    | M4              |                |
|                                    | Torque (Nm)              | 0.6 - 0.8          |                    | 1.5 - 1.8       |                |

PF6502357



All **NSYTRV●●NE** disconnect terminal blocks have a screwless disconnect slide. When this is levered over with a standard screwdriver, the contact fork slides onto the busbar. The slide engages in the end positions to provide additional protection against accidental actuation.  
The shape of the **NSYTRV●●NE** disconnect terminal blocks is the same as for the screw terminal blocks **NSYTRV**.



### Screw terminal blocks - Miniature passthrough



|                                   |                     | NSYTRV22M                       | NSYTRV42M                       |                 |                |
|-----------------------------------|---------------------|---------------------------------|---------------------------------|-----------------|----------------|
| Nominal c.s.a.                    |                     | 2.5 mm²                         | 4 mm²                           |                 |                |
|                                   | Type of block       | Passthrough                     | Passthrough                     |                 |                |
|                                   | Type of connection  | 1 pole - 1 x 1                  | 1 pole - 1 x 1                  |                 |                |
|                                   | Colour              | Grey                            | Grey                            |                 |                |
| Max. electric values (Umax, Imax) |                     | 500 V, 24 A                     | 500 V, 32 A                     |                 |                |
| Dimensions (mm)                   |                     |                                 |                                 |                 |                |
|                                   | Length              | 30                              | 30                              |                 |                |
|                                   | Height              | 34                              | 34                              |                 |                |
|                                   | Width               | 5.2                             | 6.2                             |                 |                |
| Mounting on                       |                     | NS15 DIN rail                   | NS15 DIN rail                   |                 |                |
| Cabling c.s.a. (mm²)              |                     | 2.5                             | 4                               |                 |                |
|                                   | Flexible cable      | 0.2 - 2.5                       | 0.2 - 4                         |                 |                |
|                                   | Solid cable         | 0.2 - 4                         | 0.2 - 6                         |                 |                |
| Nominal electric values           |                     |                                 |                                 |                 |                |
|                                   | IEC/EN 60947-7-1    | 500 V, 24 A                     | 500 V, 32 A                     |                 |                |
|                                   | UL                  | 600 V, 20 A, 24 - 12 AWG        | 600 V, 30 A, 24 - 10 AWG        |                 |                |
|                                   | CSA                 | 600 V, 20 A, 24 - 12 AWG        | 600 V, 30 A, 24 - 10 AWG        |                 |                |
|                                   | ATEX ⚡              | 500 V, 20 A                     | 500 V, 30 A                     |                 |                |
| Certifications                    |                     | UL, CSA, VDE, ATEX, IECEx, GOST | UL, CSA, VDE, ATEX, IECEx, GOST |                 |                |
| Terminal blocks                   |                     |                                 |                                 |                 |                |
|                                   |                     | Sold in lots of                 | Unit reference                  | Sold in lots of | Unit reference |
|                                   | Grey                | 50                              | NSYTRV22M                       | 50              | NSYTRV42M      |
|                                   | Blue                | 50                              | NSYTRV22MBL                     | 50              | NSYTRV42MBL    |
| Accessories                       |                     |                                 |                                 |                 |                |
| End stop for 15 mm DIN rail       | Clip-on, 5.2 mm     | 50                              | NSYTRAAB15                      | 50              | NSYTRAAB15     |
| End plate                         | Grey                | 50                              | NSYTRACM22                      | 50              | NSYTRACM22     |
| Partition plate                   | Grey                | 50                              | NSYTRAPM22                      | 50              | NSYTRAPM22     |
| Plug-in bridge Red                | 2-pole              | 50                              | NSYTRAL22                       | 50              | NSYTRAL42      |
|                                   | 3-pole              | 50                              | NSYTRAL23                       | 50              | NSYTRAL43      |
|                                   | 4-pole              | 50                              | NSYTRAL24                       | 50              | NSYTRAL44      |
|                                   | 5-pole              | 50                              | NSYTRAL25                       | 50              | NSYTRAL45      |
|                                   | 10-pole             | 10                              | NSYTRAL210                      | 10              | NSYTRAL410     |
|                                   | 20-pole             | 10                              | NSYTRAL220                      | 10              | NSYTRAL420     |
|                                   | 10-pole             | 10                              | NSYTRAL210BL                    | 10              | NSYTRAL410BL   |
| Blue                              | 10-pole             | 10                              | NSYTRAL210GR                    | 10              | NSYTRAL410GR   |
| Grey                              |                     |                                 |                                 |                 |                |
| Marker tag holder                 | For ●AB15 end stop  | 100                             | NSYTRASB4                       | 100             | NSYTRASB4      |
| DIN rail 15 x 5mm                 | Perforated, 2m long | 10                              | NSYTRADR155                     | 10              | NSYTRADR155    |
| Marking accessories               |                     | See page 80                     |                                 |                 |                |
| General data                      |                     |                                 |                                 |                 |                |
|                                   | Strip length (mm)   | 9                               |                                 | 8               |                |
|                                   | Screw thread        | M3                              |                                 | M3              |                |
|                                   | Torque (Nm)         | 0.5 - 0.6                       |                                 | 0.6 - 0.8       |                |

**Screw terminal blocks - Miniature protective earth**

PIB02335



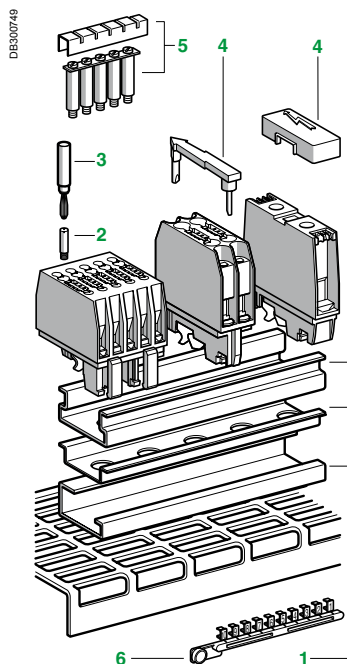
| <b>NSYTRV22MPE</b>              |                | <b>NSYTRV42MPE</b>              |                |
|---------------------------------|----------------|---------------------------------|----------------|
| 2.5 mm <sup>2</sup>             |                | 4 mm <sup>2</sup>               |                |
| Protective earth                |                | Protective earth                |                |
| 1 pole - 1 x 1                  |                | 1 pole - 1 x 1                  |                |
| Green/Yellow                    |                | Green/Yellow                    |                |
| -                               |                | -                               |                |
| 30                              |                | 30                              |                |
| 34                              |                | 34                              |                |
| 5.2                             |                | 6.2                             |                |
| NS15 DIN rail                   |                | NS15 DIN rail                   |                |
| 2.5                             |                | 4                               |                |
| 0.2 - 2.5                       |                | 0.2 - 4                         |                |
| 0.2 - 4                         |                | 0.2 - 6                         |                |
| -                               |                | -                               |                |
| 24 - 12 AWG                     |                | 24 - 10 AWG                     |                |
| 24 - 12 AWG                     |                | 24 - 10 AWG                     |                |
| -                               |                | -                               |                |
| UL, CSA, VDE, ATEX, IECEx, GOST |                | UL, CSA, VDE, ATEX, IECEx, GOST |                |
| Sold in lots of                 | Unit reference | Sold in lots of                 | Unit reference |
| 50                              | NSYTRV22MPE    | 50                              | NSYTRV42MPE    |
| -                               | -              | -                               | -              |
| 50                              | NSYTRAAB15     | 50                              | NSYTRAAB15     |
| 50                              | NSYTRACM22     | 50                              | NSYTRACM22     |
| 50                              | NSYTRAPM22     | 50                              | NSYTRAPM22     |
| -                               | -              | -                               | -              |
| -                               | -              | -                               | -              |
| -                               | -              | -                               | -              |
| -                               | -              | -                               | -              |
| -                               | -              | -                               | -              |
| -                               | -              | -                               | -              |
| -                               | -              | -                               | -              |
| -                               | -              | -                               | -              |
| 100                             | NSYTRASB4      | 100                             | NSYTRASB4      |
| 10                              | NSYTRADR155    | 10                              | NSYTRADR155    |
| 9                               |                | 8                               |                |
| M3                              |                | M3                              |                |
| 0.5 - 0.6                       |                | 0.6 - 0.8                       |                |

**Available  
June 2013**

# Linergy TR

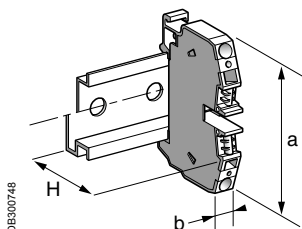
## Screw terminal blocks

### Passthrough, with Telequick universal foot



#### Clip-on mounting on 35 mm rails and Telequick pre-slotted mounting

Nominal c.s.a. 4 mm<sup>2</sup>



DB6CD10●

#### Dimensions in mm

|                                                                                                        |      | 2-pole | 5-pole | 10-pole |
|--------------------------------------------------------------------------------------------------------|------|--------|--------|---------|
| Length (a)                                                                                             | 48   |        |        |         |
| Width (b)                                                                                              | b    | 14     | 35     | 69      |
| Height (H) with  rail | 56.5 |        |        |         |
|  rail                 | 49   |        |        |         |
|  rail                 | 54   |        |        |         |
|  rail                 | 42   |        |        |         |

#### Cabling c.s.a. in mm<sup>2</sup>

|                                  |             |
|----------------------------------|-------------|
| Flexible cable without cable end | 1 to 4      |
| Flexible cable with cable end    | 0.75 to 2.5 |
| Solid cable                      | 1 to 6      |

#### Nominal electrical values

|                 |                          |
|-----------------|--------------------------|
| CSA             | 20 - 12 AWG, 600 V, 30 A |
| UTE, category C | ~ 750 V, ~ 750 V, 30 A   |
| VDE, group C    | ~ 750 V, ~ 750 V, 30 A   |

#### Terminal blocks

|         |      | No. points | Sold in lots of | Unit reference | Weight g |
|---------|------|------------|-----------------|----------------|----------|
| 1-pole  | Grey | -          | -               | -              | -        |
| 2-pole  | Grey | -          | 10              | DB6CD102       | 26.0     |
| 3-pole  | Grey | -          | -               | -              | -        |
| 5-pole  | Grey | -          | 10              | DB6CD105       | 60.0     |
| 10-pole | Grey | -          | 10              | DB6CD110       | 114.0    |

#### Accessories (dimensions in mm)

|   |                                                        |       |    |    |              |       |
|---|--------------------------------------------------------|-------|----|----|--------------|-------|
| 2 | Socket for test plug                                   | Ø 2   | -  | 10 | DB6CD02      | 8.0   |
|   |                                                        | Ø 2.3 | -  | 50 | AB1A2        | 0.5   |
|   |                                                        | Ø 4   | -  | -  | -            | -     |
| 3 | Test plug                                              |       | -  | 50 | AB1AT1 (red) | 1.7   |
| 4 | "Danger" live terminals cover                          |       | -  | -  | -            | -     |
| 5 | Equipotential commoning link with protective cover (1) |       | 10 | 10 | DB6CD19      | 200.0 |
| 6 | Marking accessories                                    |       |    |    |              |       |

(1) The commoning link connects the pins which screw into the sockets. It comprises: the link, 10 pins, 10 screws and a protective cover.

# Linergy TR

## Screw terminal blocks

### Passthrough, with Telequick universal foot

ing plate

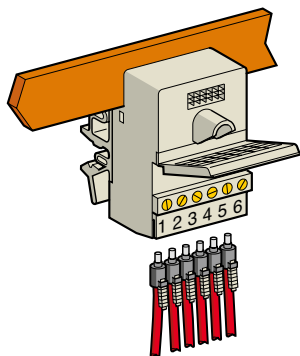
| 6 mm <sup>2</sup>       |                                                                                   |                |          | 16 mm <sup>2</sup>      |                                                                                   |                |          | 35 mm <sup>2</sup>       |                                                                                     |                |          |
|-------------------------|-----------------------------------------------------------------------------------|----------------|----------|-------------------------|-----------------------------------------------------------------------------------|----------------|----------|--------------------------|-------------------------------------------------------------------------------------|----------------|----------|
| PB501875                |  |                |          | PB501876                |  |                |          | PB501877                 |  |                |          |
|                         | DB6DD10●                                                                          |                |          |                         | DB6ED01                                                                           |                |          |                          | DB6FD01                                                                             |                |          |
| 2-pole    3-pole        |                                                                                   |                |          |                         |                                                                                   |                |          |                          |                                                                                     |                |          |
| 48                      |                                                                                   |                |          | 53                      |                                                                                   |                |          | 63                       |                                                                                     |                |          |
| b                       |                                                                                   |                |          | 12                      |                                                                                   |                |          | 15                       |                                                                                     |                |          |
| 63.5                    |                                                                                   |                |          | 61.5                    |                                                                                   |                |          | 70.5                     |                                                                                     |                |          |
| 56                      |                                                                                   |                |          | 54                      |                                                                                   |                |          | 63                       |                                                                                     |                |          |
| 61                      |                                                                                   |                |          | 59                      |                                                                                   |                |          | 68                       |                                                                                     |                |          |
| 49                      |                                                                                   |                |          | 47                      |                                                                                   |                |          | 56                       |                                                                                     |                |          |
| 1 to 6                  |                                                                                   |                |          | 4 to 16                 |                                                                                   |                |          | 6 to 35                  |                                                                                     |                |          |
| 1 to 6                  |                                                                                   |                |          | 4 to 10                 |                                                                                   |                |          | 4 to 25                  |                                                                                     |                |          |
| 1 to 10                 |                                                                                   |                |          | 4 to 16                 |                                                                                   |                |          | 6 to 35                  |                                                                                     |                |          |
| 14 - 8 AWG, 600 V, 50 A |                                                                                   |                |          | 14 - 6 AWG, 600 V, 60 A |                                                                                   |                |          | 10 - 2 AWG, 600 V, 120 A |                                                                                     |                |          |
| ~ 750 V, ≡ 750 V, 47 A  |                                                                                   |                |          | ~ 750 V, ≡ 750 V, 71 A  |                                                                                   |                |          | ~ 750 V, ≡ 750 V, 125 A  |                                                                                     |                |          |
| ~ 750 V, ≡ 750 V, 47 A  |                                                                                   |                |          | ~ 750 V, ≡ 750 V, 65 A  |                                                                                   |                |          | ~ 750 V, ≡ 750 V, 115 A  |                                                                                     |                |          |
| No. points              | Sold in lots of                                                                   | Unit reference | Weight g | No. points              | Sold in lots of                                                                   | Unit reference | Weight g | No. points               | Sold in lots of                                                                     | Unit reference | Weight g |
| -                       | -                                                                                 | -              | -        | -                       | 10                                                                                | DB6ED01        | 40.0     | -                        | 10                                                                                  | DB6FD01        | 73.0     |
| -                       | 10                                                                                | DB6DD102       | 40.0     | -                       | -                                                                                 | -              | -        | -                        | -                                                                                   | -              | -        |
| -                       | 10                                                                                | DB6DD103       | 60.0     | -                       | -                                                                                 | -              | -        | -                        | -                                                                                   | -              | -        |
| -                       | -                                                                                 | -              | -        | -                       | -                                                                                 | -              | -        | -                        | -                                                                                   | -              | -        |
| -                       | -                                                                                 | -              | -        | -                       | -                                                                                 | -              | -        | -                        | -                                                                                   | -              | -        |
| -                       | -                                                                                 | -              | -        | -                       | -                                                                                 | -              | -        | -                        | -                                                                                   | -              | -        |
| -                       | -                                                                                 | -              | -        | -                       | -                                                                                 | -              | -        | -                        | -                                                                                   | -              | -        |
| Fitted as standard      |                                                                                   |                |          |                         |                                                                                   |                |          |                          |                                                                                     |                |          |
| -                       | -                                                                                 | -              | -        | -                       | 10                                                                                | DB6ED04        | 8.0      | -                        | -                                                                                   | -              | -        |
| -                       | 50                                                                                | AB1AT2 (black) | 1.7      | -                       | 50                                                                                | AB1AT2 (black) | 1.7      | -                        | 50                                                                                  | AB1AT2 (black) | 1.7      |
| -                       | -                                                                                 | -              | -        | 1                       | 10                                                                                | DB6ED09        | 5.0      | 1                        | 10                                                                                  | DB6FD09        | 5.0      |
| -                       | -                                                                                 | -              | -        | -                       | -                                                                                 | -              | -        | -                        | -                                                                                   | -              | -        |

# Linergy TR

## Screw terminal blocks

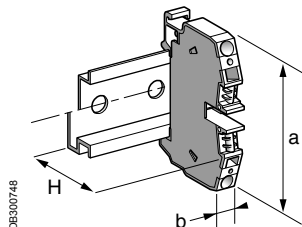
### Single-pole splitter blocks, with Telequick universal foot

DB300761



AK2 BA162U

#### Clip-on mounting on 35 mm 2.5, 5, 10 rails and Telequick mounting plate



DB300748



PB501853

AB3RV162U

#### Nominal c.s.a. in mm<sup>2</sup>

|            |     |
|------------|-----|
| Upstream   | 2.5 |
| Downstream | 25  |

#### Dimensions in mm

|                     |      |
|---------------------|------|
| Length (a)          | 61   |
| Width (b)           | 37.5 |
| Height (H) 2.5 rail | 58   |
| with 5 rail         | 48.5 |
| 10 rail             | 53.5 |
| 16 rail             | 41.5 |

#### Cabling c.s.a. in mm<sup>2</sup>

|            |                                  |                |
|------------|----------------------------------|----------------|
| Upstream   | Flexible cable without cable end | 6 x 0.5 to 4   |
|            | Flexible cable with cable end    | 6 x 0.5 to 2.5 |
|            | Solid cable                      | 6 x 0.5 to 6   |
| Downstream | Flexible cable without cable end | 4 to 25        |
|            | Flexible cable with cable end    | 4 to 25        |
|            | Solid cable                      | 6 to 35        |

#### Nominal electrical values

|           |                           |
|-----------|---------------------------|
| NFC 20040 | Ui 750 V, In 25 A         |
| CSA       | 600 V; 1 x 145 A/6 x 24 A |
| UL        | -                         |

Certifications CSA

#### Terminal blocks

|               | No. points | Sold in lots of | Unit reference | Weight g |
|---------------|------------|-----------------|----------------|----------|
| 1 I, 6 O Grey | 1/6        | 10              | AB3RV162U      | 95       |

#### Accessories (dimensions in mm)

|                                                 |                     |   |     |            |      |
|-------------------------------------------------|---------------------|---|-----|------------|------|
| Plastic end stop with screw                     | Width 7,5 on 10     | - | 100 | AB1AB7P32  | 4.2  |
|                                                 | Width 8 on 2.5 or 5 | - | 100 | AB1AB8P35  | 5.9  |
| Metal end stop with screw                       | Width 10 on 10      | - | 100 | AB1AB10M32 | 6.5  |
|                                                 | Width 8 on 2.5 or 5 | - | 100 | AB1AB8M35  | 14.8 |
| Clip-on plastic end stop                        | Width 8 on 2.5 or 5 | - | 100 | AB1AB8R35  | 5.9  |
| Marking tag holder for clip-on plastic end stop |                     | - | 100 | AB1AB8R35  | 5.9  |
| Marking accessories                             | AB1R**; AB1G**      |   |     |            |      |



Linergy TR  
Screw terminal blocks  
Single-pole splitter blocks, with Telequick  
universal foot



AK2BA162U

2.5

5 or 6 mm thick copper bar

61

37.5

58

48.5

53.5

41.5

6 x 0.5 to 4

6 x 0.5 to 2.5

6 x 0.5 to 6

Clamping onto 5 or 6 mm thick copper bar; without drilling

Ui 750 V, In 25 A

600 V; 1 x 145 A/6 x 24 A

600 V; 1 x 145 A/6 x 20 A

UL, CSA

| No. points | Sold in lots of | Unit reference | Weight g |
|------------|-----------------|----------------|----------|
| 1/6        | 10              | AK2BA162U      | 95       |

|   |   |   |   |
|---|---|---|---|
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

AB1R\*\*; AB1G\*\*



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|                 |    |
|-----------------|----|
| Selection guide | 44 |
|-----------------|----|

PB502080



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|             |    |
|-------------|----|
| Passthrough | 48 |
|-------------|----|

PB502139



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|                  |    |
|------------------|----|
| Protective earth | 52 |
|------------------|----|

PB502164



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|             |    |
|-------------|----|
| Double deck | 56 |
|-------------|----|

PB502159



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|            |    |
|------------|----|
| Disconnect | 58 |
|------------|----|

PB502218



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|           |    |
|-----------|----|
| Miniature | 60 |
|-----------|----|

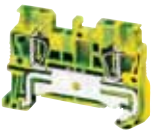
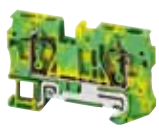
|                     |                                                                                           | Passthrough                                                                       |                                                                                   |                                                                                   |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                     |                                                                                           | Passthrough                                                                       |                                                                                   |                                                                                   |                                                                                     |
|                     |                                                                                           |  |  |  |  |
| Nominal c.s.a (mm²) |                                                                                           | 2.5                                                                               | 4                                                                                 | 6                                                                                 | 10 & 16                                                                             |
| Number of poles     | 1 - 1 x 1                                                                                 | NSYTRR22                                                                          | NSYTRR42                                                                          | NSYTRR62                                                                          | NSYTRR102<br>NSYTRR162                                                              |
|                     | 1 - 1 x 2                                                                                 | NSYTRR23                                                                          | NSYTRR43                                                                          | NSYTRR63                                                                          | -                                                                                   |
|                     | 1 - 2 x 2                                                                                 | NSYTRR24                                                                          | NSYTRR44                                                                          | -                                                                                 | -                                                                                   |
|                     | 1 - 2 x 4                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                     | 1 - 3 x 3                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                     | 2 - 1 x 1                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                     | 2 - 1 x 2                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                     | 3 - 1 x 1                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
| Colours             | Grey                                                                                      | ■                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                   |
|                     | Blue                                                                                      | NSYTRR22BL<br>NSYTRR23BL<br>NSYTRR24BL                                            | NSYTRR42BL<br>NSYTRR43BL<br>NSYTRR44BL                                            | NSYTRR62BL                                                                        | NSYTRR102BL<br>NSYTRR162BL                                                          |
|                     | Green/yellow (PE)                                                                         | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                     | Orange                                                                                    | NSYTRR22AR<br>NSYTRR23AR<br>NSYTRR24AR                                            | NSYTRR42AR<br>NSYTRR43AR<br>NSYTRR44AR                                            | -                                                                                 | -                                                                                   |
|                     | Black                                                                                     | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                     | With flange                                                                               | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                     | Mounting on                                                                               | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
| Mounting on         | 35 mm  | ■                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                   |
|                     | 35 mm  | ■                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                   |
|                     | Telequick                                                                                 | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                     | 15 mm  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
| See pages           |                                                                                           | 48                                                                                | 49                                                                                | 48/49                                                                             | 50                                                                                  |

PB602354

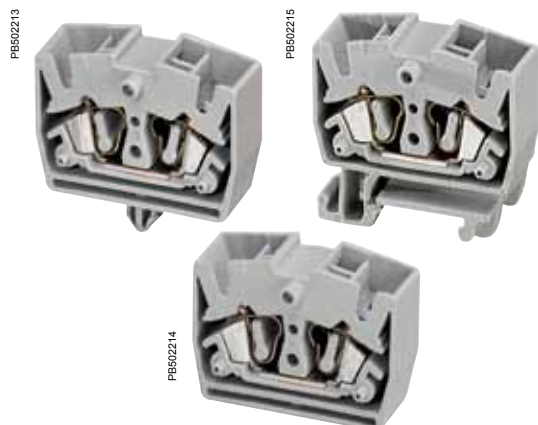


#### Vertical bridge

The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRR24D** and **NSYTRR44D** terminal blocks.

| Protective earth |                                                                                   |                                                                                   |                                                                                   |                                                                                    |
|------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| PB502130         |                                                                                   |                                                                                   |                                                                                   |                                                                                    |
|                  |  |  |  |  |
|                  | 2.5                                                                               | 4                                                                                 | 6                                                                                 | 10 & 16                                                                            |
|                  | NSYTRR22PE                                                                        | NSYTRR42PE                                                                        | NSYTRR62PE                                                                        | NSYTRR102PE<br>NSYTRR162PE                                                         |
|                  | NSYTRR23PE                                                                        | NSYTRR43PE                                                                        | -                                                                                 | -                                                                                  |
|                  | NSYTRR24PE                                                                        | NSYTRR44PE                                                                        | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | ■                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | ■                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                  |
|                  | ■                                                                                 | ■                                                                                 | ■                                                                                 | ■                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | -                                                                                 | -                                                                                 | -                                                                                 | -                                                                                  |
|                  | 52                                                                                | 53                                                                                | 54                                                                                | 54                                                                                 |

|                 |                                                                                           | Double deck                                                                       | Disconnect                                                                        |                                                                                     |
|-----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                 |                                                                                           | Passthrough                                                                       | Blade                                                                             | Removable carrier                                                                   |
|                 |                                                                                           |  |  |  |
|                 |                                                                                           | 2.5 & 4                                                                           | 2.5                                                                               | 2.5                                                                                 |
| Number of poles | 1 - 1 x 1                                                                                 | -                                                                                 | NSYTRR22SC                                                                        | NSYTRR22TB                                                                          |
|                 | 1 - 1 x 2                                                                                 | -                                                                                 | NSYTRR23SC                                                                        | NSYTRR23TB                                                                          |
|                 | 1 - 2 x 2                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                 | 1 - 2 x 4                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                 | 1 - 3 x 3                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                 | 2 - 1 x 1                                                                                 | NSYTRR24D<br>NSYTRR44D                                                            | NSYTRR24SCD                                                                       | -                                                                                   |
|                 | 2 - 1 x 2                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
| Colours         | 3 - 1 x 1                                                                                 | NSYTRR26T                                                                         | -                                                                                 | -                                                                                   |
|                 | Grey                                                                                      | ■                                                                                 | ■                                                                                 | ■                                                                                   |
|                 | Blue                                                                                      | NSYTRR24DBL<br>NSYTRR44DBL<br>NSYTRR26TBL                                         | -                                                                                 | -                                                                                   |
|                 | Green/yellow (PE)                                                                         | NSYTRR24DPE<br>NSYTRR44DPE                                                        | -                                                                                 | -                                                                                   |
|                 | Orange                                                                                    | -                                                                                 | NSYTRR22SCAR<br>NSYTRR23SCAR                                                      | -                                                                                   |
|                 | Black                                                                                     | -                                                                                 | -                                                                                 | -                                                                                   |
|                 | With flange                                                                               | -                                                                                 | -                                                                                 | -                                                                                   |
| Mounting on     | 35 mm  | x                                                                                 | ■                                                                                 | ■                                                                                   |
|                 | 35 mm  | x                                                                                 | ■                                                                                 | ■                                                                                   |
|                 | Telequick                                                                                 | -                                                                                 | -                                                                                 | -                                                                                   |
|                 | 15 mm  | -                                                                                 | -                                                                                 | -                                                                                   |
| See pages       |                                                                                           | 56                                                                                | 58                                                                                | 59                                                                                  |



#### Miniature terminal blocks with maximum usage

Due to its space saving design, mini spring-cage terminal blocks are ideal for wiring in extremely restricted spaces. The generous connection space enables fast wiring of both stranded and solid conductors. They can be mounted on NS 15 DIN rail or directly mounted using screw flange or engagement pins.

| Miniature |                                                                                   |                                                                                               |                                                                                                |
|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
|           | DIN rail mounting                                                                 | Direct mounting                                                                               | Pin mounting                                                                                   |
| PB502216  |  | PB502216<br> | PB502217<br> |
|           | 2.5                                                                               | 2.5                                                                                           | 2.5                                                                                            |
|           | NSYTRR22M                                                                         | NSYTRR22MF                                                                                    | NSYTRR22MP                                                                                     |
|           | NSYTRR24M                                                                         | NSYTRR24MF                                                                                    | NSYTRR22MP                                                                                     |
|           |                                                                                   |                                                                                               |                                                                                                |
|           |                                                                                   |                                                                                               |                                                                                                |
|           | -                                                                                 | -                                                                                             |                                                                                                |
|           | ■                                                                                 | ■                                                                                             | ■                                                                                              |
|           | NSYTRR22MBL<br>NSYTRR24MBL                                                        | NSYTRR22MFBL<br>NSYTRR24MFBL                                                                  | NSYTRR22MPBL<br>NSYTRR22MPBL                                                                   |
|           | NSYTRR22MPE                                                                       | -                                                                                             | -                                                                                              |
|           | -                                                                                 | -                                                                                             | -                                                                                              |
|           | -                                                                                 | -                                                                                             | -                                                                                              |
|           | -                                                                                 | NSYTRR22MFF<br>NSYTRR24MFF                                                                    | -                                                                                              |
|           | -                                                                                 |                                                                                               |                                                                                                |
|           | -                                                                                 |                                                                                               |                                                                                                |
|           | -                                                                                 |                                                                                               |                                                                                                |
|           | ■                                                                                 |                                                                                               |                                                                                                |
|           | 60                                                                                | 61                                                                                            | 61                                                                                             |

### Spring terminal blocks - Passthrough



|                                                                                     |                                                                                          | NSYTRR22                                     | NSYTRR23                                     | NSYTRR24                                     |                |                 |                |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------|-----------------|----------------|
| Nominal c.s.a.                                                                      |                                                                                          | 2.5 mm²                                      | 2.5 mm²                                      | 2.5 mm²                                      |                |                 |                |
|                                                                                     | Type of block                                                                            | Passthrough                                  | Passthrough                                  | Passthrough                                  |                |                 |                |
|                                                                                     | Type of connection                                                                       | 1 pole - 1 x 1                               | 1 pole - 1 x 2                               | 1 pole - 2 x 2                               |                |                 |                |
|                                                                                     | Colour                                                                                   | Grey                                         | Grey                                         | Grey                                         |                |                 |                |
| Max. electric values (Umax, Imax)                                                   |                                                                                          | 800 V, 31 A                                  | 800 V, 28 A                                  | 800 V, 28 A                                  |                |                 |                |
| Dimensions (mm)                                                                     |                                                                                          |                                              |                                              |                                              |                |                 |                |
|                                                                                     | Length                                                                                   | 48.5                                         | 60.5                                         | 72                                           |                |                 |                |
|                                                                                     | Height                                                                                   | 36.5                                         | 36.5                                         | 36.5                                         |                |                 |                |
|                                                                                     | Width                                                                                    | 5.2                                          | 5.2                                          | 5.2                                          |                |                 |                |
| Cabling c.s.a. (mm²)                                                                |                                                                                          | 2.5                                          | 2.5                                          | 2.5                                          |                |                 |                |
|                                                                                     | Flexible cable                                                                           | 0.08 - 2.5                                   | 0.08 - 2.5                                   | 0.08 - 2.5                                   |                |                 |                |
|                                                                                     | Solid cable                                                                              | 0.08 - 4                                     | 0.08 - 4                                     | 0.08 - 4                                     |                |                 |                |
| Nominal electric values                                                             |                                                                                          |                                              |                                              |                                              |                |                 |                |
|                                                                                     | IEC/EN 60947-7-1                                                                         | 800 V, 24 A                                  | 800 V, 24 A                                  | 800 V, 24 A                                  |                |                 |                |
|                                                                                     | UL                                                                                       | 600 V, 20 A, 28 - 12 AWG                     | 600 V, 20 A, 28 - 12 AWG                     | 600 V, 20 A, 28 - 12 AWG                     |                |                 |                |
|                                                                                     | CSA                                                                                      | 600 V, 20 A, 28 - 12 AWG                     | 600 V, 20 A, 28 - 12 AWG                     | 600 V, 20 A, 28 - 12 AWG                     |                |                 |                |
|                                                                                     | ATEX  | 550 V, 21 A                                  | 550 V, 21 A                                  | 550 V, 21 A                                  |                |                 |                |
| Certifications                                                                      |                                                                                          | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                |                 |                |
| Terminal blocks                                                                     |                                                                                          |                                              |                                              |                                              |                |                 |                |
|  |                                                                                          | Sold in lots of                              | Unit reference                               | Sold in lots of                              | Unit reference | Sold in lots of | Unit reference |
|                                                                                     | Grey                                                                                     | 50                                           | NSYTRR22                                     | 50                                           | NSYTRR23       | 50              | NSYTRR24       |
|                                                                                     | Blue                                                                                     | 50                                           | NSYTRR22BL                                   | 50                                           | NSYTRR23BL     | 50              | NSYTRR24BL     |
|                                                                                     | Orange                                                                                   | 50                                           | NSYTRR22AR                                   | 50                                           | NSYTRR23AR     | 50              | NSYTRR24AR     |
| Accessories                                                                         |                                                                                          |                                              |                                              |                                              |                |                 |                |
| End stop                                                                            | Clip-on, 5.2 mm                                                                          | 50                                           | NSYTRAAB35                                   | 50                                           | NSYTRAAB35     | 50              | NSYTRAAB35     |
| for 35 mm DIN rail                                                                  | With screw, 9.5 mm                                                                       | 50                                           | NSYTRAABV35                                  | 50                                           | NSYTRAABV35    | 50              | NSYTRAABV35    |
| End plate,                                                                          | Grey                                                                                     | 50                                           | NSYTRACR22                                   | 50                                           | NSYTRACR23     | 50              | NSYTRACR24     |
| width 2.2 mm                                                                        | Blue                                                                                     | 50                                           | NSYTRACR22BL                                 | 50                                           | NSYTRACR23BL   | 50              | NSYTRACR24BL   |
| Partition plate,                                                                    | Grey                                                                                     | 50                                           | NSYTRAPR42                                   | 50                                           | NSYTRAPR23     | 50              | NSYTRAPR24     |
| width 2 mm                                                                          | Blue                                                                                     | -                                            | -                                            | -                                            | -              | -               | -              |
| Plug-in bridge                                                                      | 2-pole                                                                                   | 50                                           | NSYTRAL22                                    | 50                                           | NSYTRAL22      | 50              | NSYTRAL22      |
| Red                                                                                 | 3-pole                                                                                   | 50                                           | NSYTRAL23                                    | 50                                           | NSYTRAL23      | 50              | NSYTRAL23      |
|                                                                                     | 4-pole                                                                                   | 50                                           | NSYTRAL24                                    | 50                                           | NSYTRAL24      | 50              | NSYTRAL24      |
|                                                                                     | 5-pole                                                                                   | 50                                           | NSYTRAL25                                    | 50                                           | NSYTRAL25      | 50              | NSYTRAL25      |
|                                                                                     | 10-pole                                                                                  | 10                                           | NSYTRAL210                                   | 10                                           | NSYTRAL210     | 10              | NSYTRAL210     |
|                                                                                     | 20-pole                                                                                  | 10                                           | NSYTRAL220                                   | 10                                           | NSYTRAL220     | 10              | NSYTRAL220     |
| Blue                                                                                | 10-pole                                                                                  | 10                                           | NSYTRAL210BL                                 | 10                                           | NSYTRAL210BL   | 10              | NSYTRAL210BL   |
| Grey                                                                                | 10-pole                                                                                  | 10                                           | NSYTRAL210GR                                 | 10                                           | NSYTRAL210GR   | 10              | NSYTRAL210GR   |
| Step-down bridge, down to 2.5/4 mm²                                                 | Screw to screw terminal                                                                  | -                                            | -                                            | -                                            | -              | -               | -              |
|                                                                                     | Spring to spring trterminal                                                              | -                                            | -                                            | -                                            | -              | -               | -              |
| Test plug                                                                           | Metalic part, Ø 2.3 mm                                                                   | 10                                           | NSYTRAATM1                                   | 10                                           | NSYTRAATM1     | 10              | NSYTRAATM1     |
|                                                                                     | Insulating sleeve, red                                                                   | 10                                           | NSYTRAATP1                                   | 10                                           | NSYTRAATP1     | 10              | NSYTRAATP1     |
| Test adaptor                                                                        | For plug-in bridge shaft                                                                 | 10                                           | NSYTRAFT                                     | 10                                           | NSYTRAFT       | 10              | NSYTRAFT       |
| Warning label                                                                       | Yellow                                                                                   | 10                                           | NSYTRACSR2                                   | 10                                           | NSYTRACSR2     | 10              | NSYTRACSR2     |
| Marker tag holder                                                                   | For ●AB35 end stop                                                                       | 100                                          | NSYTRASB4                                    | 100                                          | NSYTRASB4      | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm                                                                | Perforated, 2 m long                                                                     | 20                                           | NSYSDR200BD                                  | 20                                           | NSYSDR200BD    | 20              | NSYSDR200BD    |
| Marking accessories                                                                 |                                                                                          | See page 80                                  |                                              |                                              |                |                 |                |
| General data                                                                        |                                                                                          |                                              |                                              |                                              |                |                 |                |
|                                                                                     | Strip length (mm)                                                                        | 10                                           |                                              | 10                                           |                | 10              |                |





| NSYTRR42       | NSYTRR43       | NSYTRR44       | NSYTRR62       |
|----------------|----------------|----------------|----------------|
| 4 mm²          | 4 mm²          | 4 mm²          | 6 mm²          |
| Passthrough    | Passthrough    | Passthrough    | Passthrough    |
| 1 pole - 1 x 1 | 1 pole - 1 x 2 | 1 pole - 2 x 2 | 1 pole - 1 x 1 |
| Grey           | Grey           | Grey           | Grey           |
| 800 V, 40 A    | 800 V, 40 A    | 800 V, 40 A    | 1000 V, 52 A   |

|          |          |          |          |
|----------|----------|----------|----------|
| 56       | 71.5     | 87       | 69.5     |
| 36.5     | 36.5     | 36.5     | 43.5     |
| 6.2      | 6.2      | 6.2      | 8.2      |
| 4        | 4        | 4        | 6        |
| 0.08 - 4 | 0.08 - 4 | 0.08 - 4 | 0.5 - 6  |
| 0.08 - 6 | 0.08 - 6 | 0.08 - 6 | 0.2 - 10 |

|                                              |                                              |                                              |                                              |
|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| 800 V, 32 A                                  | 800 V, 32 A                                  | 800 V, 32 A                                  | 800 V, 41 A                                  |
| 600 V, 30 A, 28 - 10 AWG                     | 600 V, 30 A, 28 - 10 AWG                     | 600 V, 30 A, 28 - 10 AWG                     | 600 V, 50 A, 24 - 8 AWG                      |
| 600 V, 30 A, 28 - 10 AWG                     | 600 V, 30 A, 28 - 10 AWG                     | 600 V, 30 A, 28 - 10 AWG                     | 600 V, 50 A, 24 - 8 AWG                      |
| 550 V, 30 A                                  | 550 V, 30 A                                  | 550 V, 30 A                                  | 550 V, 36 A                                  |
| UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |

| Sold in lots of | Unit reference | Sold in lots of | Unit reference | Sold in lots of | Unit reference | Sold in lots of | Unit reference |
|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| 50              | NSYTRR42       | 50              | NSYTRR43       | 50              | NSYTRR44       | 50              | NSYTRR62       |
| 50              | NSYTRR42BL     | 50              | NSYTRR43BL     | 50              | NSYTRR44BL     | 50              | NSYTRR62BL     |
| 50              | NSYTRR42AR     | 50              | NSYTRR43AR     | 50              | NSYTRR44AR     | -               | -              |

|     |              |     |              |     |              |     |              |
|-----|--------------|-----|--------------|-----|--------------|-----|--------------|
| 50  | NSYTRAAB35   | 50  | NSYTRAAB35   | 50  | NSYTRAAB35   | 50  | NSYTRAAB35   |
| 50  | NSYTRAABV35  | 50  | NSYTRAABV35  | 50  | NSYTRAABV35  | 50  | NSYTRAABV35  |
| 50  | NSYTRACR42   | 50  | NSYTRACR43   | 50  | NSYTRACR44   | 50  | NSYTRACR62   |
| -   | -            | -   | -            | -   | -            | -   | -            |
| 50  | NSYTRAPR42   | -   | -            | -   | -            | -   | -            |
| -   | -            | -   | -            | -   | -            | -   | -            |
| 50  | NSYTRAL42    | 50  | NSYTRAL42    | 50  | NSYTRAL42    | 10  | NSYTRAL62    |
| 50  | NSYTRAL43    | 50  | NSYTRAL43    | 50  | NSYTRAL43    | 10  | NSYTRAL63    |
| 50  | NSYTRAL44    | 50  | NSYTRAL44    | 50  | NSYTRAL44    | -   | -            |
| 50  | NSYTRAL45    | 50  | NSYTRAL45    | 50  | NSYTRAL45    | -   | -            |
| 10  | NSYTRAL410   | 10  | NSYTRAL410   | 10  | NSYTRAL410   | 10  | NSYTRAL610   |
| 10  | NSYTRAL420   | 10  | NSYTRAL420   | 10  | NSYTRAL420   | -   | -            |
| 10  | NSYTRAL410BL | 10  | NSYTRAL410BL | 10  | NSYTRAL410BL | 10  | NSYTRAL610BL |
| 10  | NSYTRAL410GR | 10  | NSYTRAL410GR | 10  | NSYTRAL410GR | 10  | NSYTRAL610GR |
| -   | -            | -   | -            | -   | -            | -   | -            |
| -   | -            | -   | -            | -   | -            | 10  | NSYTRALR62   |
| 10  | NSYTRAATM1   | 10  | NSYTRAATM1   | 10  | NSYTRAATM1   | 10  | NSYTRAATM1   |
| 10  | NSYTRAATP1   | 10  | NSYTRAATP1   | 10  | NSYTRAATP1   | 10  | NSYTRAATP1   |
| 10  | NSYTRAFT     | 10  | NSYTRAFT     | 10  | NSYTRAFT     | 10  | NSYTRAFT     |
| 10  | NSYTRACSR4   | 10  | NSYTRACSR4   | 10  | NSYTRACSR4   | 10  | NSYTRACSR6   |
| 100 | NSYTRASB4    | 100 | NSYTRASB4    | 100 | NSYTRASB4    | 100 | NSYTRASB4    |
| 20  | NSYSR200BD   | 20  | NSYSR200BD   | 20  | NSYSR200BD   | 20  | NSYSR200BD   |

|    |    |    |    |
|----|----|----|----|
| 10 | 10 | 10 | 12 |
|----|----|----|----|

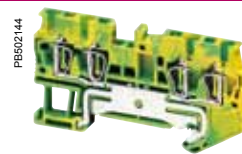
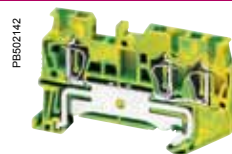
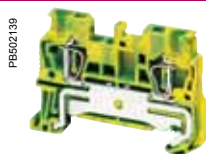
### Spring terminal blocks - Passthrough

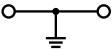


|                                     |                           | NSYTRR63                                     | NSYTRR102                                    | NSYTRR162                                    |                |                 |                |
|-------------------------------------|---------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------|-----------------|----------------|
| Nominal c.s.a.                      |                           | 6 mm²                                        | 10 mm²                                       | 16 mm²                                       |                |                 |                |
|                                     | Type of block             | Passthrough                                  | Passthrough                                  | Passthrough                                  |                |                 |                |
|                                     | Type of connection        | 1 pole - 1 x 2                               | 1 pole - 1 x 1                               | 1 pole - 1 x 1                               |                |                 |                |
|                                     | Colour                    | Grey                                         | Grey                                         | Grey                                         |                |                 |                |
| Max. electric values (Umax, Imax)   |                           | 1000 V, 52 A                                 | 1000 V, 65 A                                 | 1000 V, 90 A                                 |                |                 |                |
| Dimensions (mm)                     |                           |                                              |                                              |                                              |                |                 |                |
|                                     | Length                    | 90.5                                         | 71.5                                         | 80                                           |                |                 |                |
|                                     | Height                    | 43.5                                         | 50.5                                         | 51                                           |                |                 |                |
|                                     | Width                     | 8.2                                          | 10.2                                         | 12.2                                         |                |                 |                |
| Cabling c.s.a. (mm²)                |                           | 6                                            | 10                                           | 16                                           |                |                 |                |
|                                     | Flexible cable            | 0.5 - 6                                      | 0.2 - 10                                     | 0.2 - 16                                     |                |                 |                |
|                                     | Solid cable               | 0.2 - 10                                     | 0.2 - 16                                     | 0.2 - 25                                     |                |                 |                |
| Nominal electric values             |                           |                                              |                                              |                                              |                |                 |                |
|                                     | IEC/EN 60947-7-1          | 800 V, 41 A                                  | 800 V, 57 A                                  | 800 V, 76 A                                  |                |                 |                |
|                                     | UL                        | 600 V, 50 A, 24 - 8 AWG                      | 600 V, 65 A, 16 - 6 AWG                      | 600 V, 85 A, 16 - 4 AWG                      |                |                 |                |
|                                     | CSA                       | 600 V, 50 A, 24 - 8 AWG                      | 600 V, 65 A, 16 - 6 AWG                      | 600 V, 85 A, 16 - 4 AWG                      |                |                 |                |
|                                     | ATEX ⚡                    | 550 V, 30 A                                  | 550 V, 50 A                                  | 550 V, 65 A                                  |                |                 |                |
| Certifications                      |                           | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                |                 |                |
| Terminal blocks                     |                           |                                              |                                              |                                              |                |                 |                |
|                                     |                           | Sold in lots of                              | Unit reference                               | Sold in lots of                              | Unit reference | Sold in lots of | Unit reference |
|                                     | Grey                      | 50                                           | NSYTRR63                                     | 50                                           | NSYTRR102      | 50              | NSYTRR162      |
|                                     | Blue                      | -                                            | -                                            | 50                                           | NSYTRR102BL    | 50              | NSYTRR162BL    |
|                                     | Orange                    | -                                            | -                                            | -                                            | -              | -               | -              |
| Accessories                         |                           |                                              |                                              |                                              |                |                 |                |
| End stop                            | Clip-on, 5.2 mm           | 50                                           | NSYTRAAB35                                   | 50                                           | NSYTRAAB35     | 50              | NSYTRAAB35     |
| for 35 mm DIN rail                  | With screw, 9.5 mm        | 50                                           | NSYTRAABV35                                  | 50                                           | NSYTRAABV35    | 50              | NSYTRAABV35    |
| End plate, width 2.2 mm             | Grey                      | 50                                           | NSYTRACR63                                   | 50                                           | NSYTRACR102    | 50              | NSYTRACR162    |
|                                     | Blue                      | -                                            | -                                            | -                                            | -              | -               | -              |
| Partition plate, width 2 mm         | Grey                      | -                                            | -                                            | -                                            | -              | -               | -              |
|                                     | Blue                      | -                                            | -                                            | -                                            | -              | -               | -              |
| Plug-in bridge Red                  | 2-pole                    | 10                                           | NSYTRAL62                                    | 10                                           | NSYTRAL102     | 10              | NSYTRAL162     |
|                                     | 3-pole                    | 10                                           | NSYTRAL63                                    | -                                            | -              | -               | -              |
|                                     | 4-pole                    | -                                            | -                                            | -                                            | -              | -               | -              |
|                                     | 5-pole                    | -                                            | -                                            | -                                            | -              | -               | -              |
|                                     | 10-pole                   | 10                                           | NSYTRAL610                                   | -                                            | -              | -               | -              |
|                                     | 20-pole                   | -                                            | -                                            | -                                            | -              | -               | -              |
| Blue                                | 10-pole                   | 10                                           | NSYTRAL610BL                                 | -                                            | -              | -               | -              |
| Grey                                | 10-pole                   | 10                                           | NSYTRAL610GR                                 | -                                            | -              | -               | -              |
| Step-down bridge, down to 2.5/4 mm² | Screw to screw terminal   | -                                            | -                                            | -                                            | -              | -               | -              |
|                                     | Spring to spring terminal | 10                                           | NSYTRALR62                                   | 10                                           | NSYTRALR102    | 10              | NSYTRALR162    |
| Test plug                           | Metalic part, Ø 2.3 mm    | 10                                           | NSYTRAATM1                                   | 10                                           | NSYTRAATM1     | 10              | NSYTRAATM1     |
|                                     | Insulating sleeve, red    | 10                                           | NSYTRAATP1                                   | 10                                           | NSYTRAATP1     | 10              | NSYTRAATP1     |
| Test adaptor                        | For plug-in bridge shaft  | 10                                           | NSYTRAFT                                     | 10                                           | NSYTRAFT       | 10              | NSYTRAFT       |
| Warning label                       | Yellow                    | 10                                           | NSYTRACSR6                                   | 10                                           | NSYTRACSR10    | 10              | NSYTRACSR10    |
| Marker tag holder                   | For ●AB35 end stop        | 100                                          | NSYTRASB4                                    | 100                                          | NSYTRASB4      | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm                | Perforated, 2 m long      | 20                                           | NSYSDR200BD                                  | 20                                           | NSYSDR200BD    | 20              | NSYSDR200BD    |
| Marking accessories                 |                           | See page 80                                  |                                              |                                              |                |                 |                |
| General data                        |                           |                                              |                                              |                                              |                |                 |                |
| Strip length (mm)                   |                           | 12                                           | 18                                           | 18                                           |                |                 |                |



### Spring terminal blocks - Protective earth

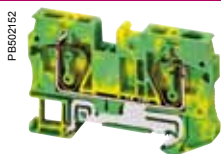


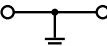
|                                                                                     |                                                                                        | NSYTRR22PE                                   |                | NSYTRR23PE                                   |                | NSYTRR24PE                                   |                |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|----------------|----------------------------------------------|----------------|----------------------------------------------|----------------|
| Nominal c.s.a.                                                                      |                                                                                        | 2.5 mm²                                      |                | 2.5 mm²                                      |                | 2.5 mm²                                      |                |
|                                                                                     | Type of block                                                                          | Protective earth                             |                | Protective earth                             |                | Protective earth                             |                |
|                                                                                     | Type of connection                                                                     | 1 pole - 1 x 1                               |                | 1 pole - 1 x 2                               |                | 1 pole - 2 x 2                               |                |
|                                                                                     | Colour                                                                                 | Green/Yellow                                 |                | Green/Yellow                                 |                | Green/Yellow                                 |                |
| Max. electric values                                                                |                                                                                        | -                                            |                | -                                            |                | -                                            |                |
| Dimensions (mm)                                                                     |                                                                                        |                                              |                |                                              |                |                                              |                |
|                                                                                     | Length                                                                                 | 48.5                                         |                | 60.5                                         |                | 72                                           |                |
|                                                                                     | Height                                                                                 | 36.5                                         |                | 36.5                                         |                | 36.5                                         |                |
|                                                                                     | Width                                                                                  | 5.2                                          |                | 5.2                                          |                | 5.2                                          |                |
| Cabling c.s.a. (mm²)                                                                |                                                                                        | 2.5                                          |                | 2.5                                          |                | 2.5                                          |                |
|                                                                                     | Flexible cable                                                                         | 0.08 - 2.5                                   |                | 0.08 - 2.5                                   |                | 0.08 - 2.5                                   |                |
|                                                                                     | Solid cable                                                                            | 0.08 - 4                                     |                | 0.08 - 4                                     |                | 0.08 - 4                                     |                |
| Nominal electric values                                                             |                                                                                        |                                              |                |                                              |                |                                              |                |
|                                                                                     | IEC/EN 60947-7-1                                                                       | -                                            |                | -                                            |                | -                                            |                |
|                                                                                     | UL                                                                                     | 28 - 12 AWG                                  |                | 28 - 12 AWG                                  |                | 28 - 12 AWG                                  |                |
|                                                                                     | CSA                                                                                    | 28 - 12 AWG                                  |                | 28 - 12 AWG                                  |                | 28 - 12 AWG                                  |                |
|                                                                                     | ATEX  | -                                            |                | -                                            |                | -                                            |                |
| Certifications                                                                      |                                                                                        | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                |
| Terminal blocks                                                                     |                                                                                        |                                              |                |                                              |                |                                              |                |
|  |                                                                                        | Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference |
|                                                                                     | Green/Yellow                                                                           | 50                                           | NSYTRR22PE     | 50                                           | NSYTRR23PE     | 50                                           | NSYTRR24PE     |
| Accessories                                                                         |                                                                                        |                                              |                |                                              |                |                                              |                |
| End stop for 35mm DIN rail                                                          | Clip-on, 5.2 mm                                                                        | 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     |
|                                                                                     | With screw, 9.5 mm                                                                     | 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    |
| End plate, width 2.2 mm                                                             | Grey                                                                                   | 50                                           | NSYTRACR22     | 50                                           | NSYTRACR23     | 50                                           | NSYTRACR24     |
|                                                                                     | Blue                                                                                   | 50                                           | NSYTRACR22BL   | 50                                           | NSYTRACR23BL   | 50                                           | NSYTRACR24BL   |
| Partition plate, width 2 mm                                                         | Grey                                                                                   | 50                                           | NSYTRAPR42     | 50                                           | NSYTRAPR23     | 50                                           | NSYTRAPR24     |
|                                                                                     | Blue                                                                                   | -                                            | -              | -                                            | -              | -                                            | -              |
| Plug-in bridge                                                                      | 2-pole                                                                                 | -                                            | -              | -                                            | -              | -                                            | -              |
|                                                                                     | 3-pole                                                                                 | -                                            | -              | -                                            | -              | -                                            | -              |
|                                                                                     | 10-pole                                                                                | -                                            | -              | -                                            | -              | -                                            | -              |
| Test plug                                                                           | Metalic part, Ø 2.3 mm                                                                 | 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     |
|                                                                                     | Insulating sleeve, red                                                                 | 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     |
| Test adaptor                                                                        | For plug-in bridge shaft                                                               | 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       |
| Warning label                                                                       | Yellow                                                                                 | 10                                           | NSYTRACSR2     | 10                                           | NSYTRACSR2     | 10                                           | NSYTRACSR2     |
| Marker tag holder                                                                   | For ●AB35 end stop                                                                     | 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      |
| DIN rail 35 x 7.2 mm                                                                | Perforated, 2 m long                                                                   | 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    |
| Marking accessories                                                                 |                                                                                        | See page 80                                  |                |                                              |                |                                              |                |
| General data                                                                        |                                                                                        |                                              |                |                                              |                |                                              |                |
|                                                                                     | Strip length (mm)                                                                      | 10                                           |                | 10                                           |                | 10                                           |                |



| NSYTRR42PE                                   |                | NSYTRR43PE                                   |                | NSYTRR44PE                                   |                |
|----------------------------------------------|----------------|----------------------------------------------|----------------|----------------------------------------------|----------------|
| 4 mm²                                        |                | 4 mm²                                        |                | 4 mm²                                        |                |
| Protective earth                             |                | Protective earth                             |                | Protective earth                             |                |
| 1 pole - 1 x 1                               |                | 1 pole - 1 x 2                               |                | 1 pole - 2 x 2                               |                |
| Green/Yellow                                 |                | Green/Yellow                                 |                | Green/Yellow                                 |                |
| -                                            |                | -                                            |                | -                                            |                |
| 56                                           |                | 71.5                                         |                | 87                                           |                |
| 36.5                                         |                | 36.5                                         |                | 36.5                                         |                |
| 6.2                                          |                | 6.2                                          |                | 6.2                                          |                |
| 4                                            |                | 4                                            |                | 4                                            |                |
| 0.08 - 4                                     |                | 0.08 - 4                                     |                | 0.08 - 4                                     |                |
| 0.08 - 6                                     |                | 0.08 - 6                                     |                | 0.08 - 6                                     |                |
| -                                            |                | -                                            |                | -                                            |                |
| 28 -10 AWG                                   |                | 28 -10 AWG                                   |                | 28 -10 AWG                                   |                |
| 28 -10 AWG                                   |                | 28 -10 AWG                                   |                | 28 -10 AWG                                   |                |
| -                                            |                | -                                            |                | -                                            |                |
| UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                |
| Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference |
| 50                                           | NSYTRR42PE     | 50                                           | NSYTRR43PE     | 50                                           | NSYTRR44PE     |
| 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     |
| 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    |
| 50                                           | NSYTRACR42     | 50                                           | NSYTRACR43     | 50                                           | NSYTRACR44     |
| -                                            | -              | -                                            | -              | -                                            | -              |
| 50                                           | NSYTRAPR42     | -                                            | -              | -                                            | -              |
| -                                            | -              | -                                            | -              | -                                            | -              |
| -                                            | -              | -                                            | -              | -                                            | -              |
| -                                            | -              | -                                            | -              | -                                            | -              |
| -                                            | -              | -                                            | -              | -                                            | -              |
| 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     |
| 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     |
| 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       |
| 10                                           | NSYTRACSR4     | 10                                           | NSYTRACSR4     | 10                                           | NSYTRACSR4     |
| 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      |
| 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    |
| 10                                           |                | 10                                           |                | 10                                           |                |

### Spring terminal blocks - Protective earth



|                                                                                     |                          | NSYTRR62PE                                   |                | NSYTRR102PE                                  |                | NSYTRR162PE                                  |                |
|-------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|----------------|----------------------------------------------|----------------|----------------------------------------------|----------------|
| Nominal c.s.a.                                                                      |                          | 6 mm²                                        |                | 10 mm²                                       |                | 16 mm²                                       |                |
|                                                                                     | Type of block            | Protective earth                             |                | Protective earth                             |                | Protective earth                             |                |
|                                                                                     | Type of connection       | 1 pole - 1 x 1                               |                | 1 pole - 1 x 1                               |                | 1 pole - 1 x 1                               |                |
|                                                                                     | Colour                   | Green/Yellow                                 |                | Green/Yellow                                 |                | Green/Yellow                                 |                |
| Max. electric values                                                                |                          | -                                            |                | -                                            |                | -                                            |                |
| Dimensions (mm)                                                                     |                          |                                              |                |                                              |                |                                              |                |
|                                                                                     | Length                   | 69.5                                         |                | 71.5                                         |                | 80                                           |                |
|                                                                                     | Height                   | 43.5                                         |                | 50.5                                         |                | 51                                           |                |
|                                                                                     | Width                    | 8.2                                          |                | 10.2                                         |                | 12.2                                         |                |
| Cabling c.s.a. (mm²)                                                                |                          | 6                                            |                | 10                                           |                | 16                                           |                |
|                                                                                     | Flexible cable           | 0.2 - 6                                      |                | 0.2 - 10                                     |                | 0.2 - 16                                     |                |
|                                                                                     | Solid cable              | 0.08 - 4                                     |                | 0.2 - 16                                     |                | 0.2 - 25                                     |                |
| Nominal electric values                                                             |                          |                                              |                |                                              |                |                                              |                |
|                                                                                     | IEC/EN 60947-7-1         | -                                            |                | -                                            |                | -                                            |                |
|                                                                                     | UL                       | 24 - 8 AWG                                   |                | 16 - 6 AWG                                   |                | 16 - 4 AWG                                   |                |
|                                                                                     | CSA                      | 24 - 8 AWG                                   |                | 16 - 6 AWG                                   |                | 16 - 4 AWG                                   |                |
|                                                                                     | ATEX ⚡                   | -                                            |                | -                                            |                | -                                            |                |
| Certifications                                                                      |                          | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                |
| Terminal blocks                                                                     |                          |                                              |                |                                              |                |                                              |                |
|  |                          | Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference |
|                                                                                     | Green/Yellow             | 50                                           | NSYTRV62PE     | 50                                           | NSYTRR102PE    | 50                                           | NSYTRR162PE    |
| Accessories                                                                         |                          |                                              |                |                                              |                |                                              |                |
| End stop for 35mm DIN rail                                                          | Clip-on, 5.2 mm          | 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     |
|                                                                                     | With screw, 9.5 mm       | 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    |
| End plate, width 2.2 mm                                                             | Grey                     | 50                                           | NSYTRACR62     | 50                                           | NSYTRACR102    | 50                                           | NSYTRACR162    |
|                                                                                     | Blue                     | -                                            | -              | -                                            | -              | -                                            | -              |
| Partition plate, width 2 mm                                                         | Grey                     | -                                            | -              | -                                            | -              | -                                            | -              |
|                                                                                     | Blue                     | -                                            | -              | -                                            | -              | -                                            | -              |
| Plug-in bridge                                                                      | 2-pole                   | 10                                           | NSYTRAL62      | 10                                           | NSYTRAL102     | 10                                           | NSYTRAL162     |
|                                                                                     | 3-pole                   | 10                                           | NSYTRAL63      | -                                            | -              | -                                            | -              |
|                                                                                     | 10-pole                  | 10                                           | NSYTRAL610     | -                                            | -              | -                                            | -              |
| Test plug                                                                           | Metalic part, Ø 2.3 mm   | 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     |
|                                                                                     | Insulating sleeve, red   | 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     |
| Test adaptor                                                                        | For plug-in bridge shaft | 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       |
| Warning label                                                                       | Yellow                   | 10                                           | NSYTRACSR6     | 10                                           | NSYTRACSR10    | 10                                           | NSYTRACSR10    |
| Marker tag holder                                                                   | For ●AB35 end stop       | 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      |
| DIN rail 35 x 7.2 mm                                                                | Perforated, 2 m long     | 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    |
| Marking accessories                                                                 |                          | See page 80                                  |                |                                              |                |                                              |                |
| General data                                                                        |                          |                                              |                |                                              |                |                                              |                |
|                                                                                     | Strip length (mm)        | 12                                           |                | 18                                           |                | 18                                           |                |



### Spring terminal blocks - Double deck passthrough

PB502164



PB502153



PB502155



|                                     |                          |                                 |                                 |                            |                |                 |                |
|-------------------------------------|--------------------------|---------------------------------|---------------------------------|----------------------------|----------------|-----------------|----------------|
|                                     |                          | NSYTRR24D                       | NSYTRR44D                       | NSYTRR26T                  |                |                 |                |
| Nominal c.s.a.                      |                          | 2.5 mm²                         | 4 mm²                           | 2.5 mm²                    |                |                 |                |
|                                     | Type of block            | Passthrough - Double deck       | Passthrough - Double deck       | Passthrough - 3 Levels     |                |                 |                |
|                                     | Type of connection       | 2 pole - 1 x 1                  | 2 pole - 1 x 1                  | 3 pole - 1 x 1             |                |                 |                |
|                                     | Colour                   | Grey                            | Grey                            | Grey                       |                |                 |                |
| Max. electric values ( Umax, Imax ) |                          | 500 V, 26 A                     | 500 V, 34 A                     | 500 V, 28 A                |                |                 |                |
| Dimensions (mm)                     |                          |                                 |                                 |                            |                |                 |                |
|                                     | Length                   | 78                              | 92.4                            | 99.5                       |                |                 |                |
|                                     | Height                   | 55                              | 55                              | 58                         |                |                 |                |
|                                     | Width                    | 5.2                             | 6.2                             | 5.2                        |                |                 |                |
|                                     |                          |                                 |                                 |                            |                |                 |                |
| Cabling c.s.a. (mm²)                |                          | 2.5                             | 4                               | 2.5                        |                |                 |                |
|                                     | Flexible cable           | 0.08 - 2.5                      | 0.08 - 4                        | 0.08 - 2.5                 |                |                 |                |
|                                     | Solid cable              | 0.08 - 4                        | 0.08 - 6                        | 0.08 - 4                   |                |                 |                |
|                                     |                          |                                 |                                 |                            |                |                 |                |
| Nominal electric values             |                          |                                 |                                 |                            |                |                 |                |
|                                     | IEC/EN 60947-7-1         | 500 V, 22 A                     | 500 V, 28 A                     | 500 V, 20 A                |                |                 |                |
|                                     | UL                       | 600 V, 20 A, 28 - 12 AWG        | 600 V, 30 A, 28 - 10 AWG        | 600 V, 20 A, 28 - 12 AWG   |                |                 |                |
|                                     | CSA                      | 600 V, 20 A, 28 - 12 AWG        | 600 V, 30 A, 28 - 10 AWG        | 600 V, 20 A, 28 - 12 AWG   |                |                 |                |
|                                     | ATEX ⚠                   | 440 V, 19,5 A                   | 440 V, 22 A                     | -                          |                |                 |                |
| Certifications (1)                  |                          | UL, CSA, VDE, GL, LR, DNV, GOST | UL, CSA, VDE, GL, LR, DNV, GOST | UL, CSA, VDE, GL, LR, GOST |                |                 |                |
| Terminal blocks                     |                          |                                 |                                 |                            |                |                 |                |
|                                     |                          | Sold in lots of                 | Unit reference                  | Sold in lots of            | Unit reference | Sold in lots of | Unit reference |
|                                     | Grey                     | 50                              | NSYTRR24D                       | 50                         | NSYTRR44D      | 50              | NSYTRR26T      |
|                                     | Blue                     | 50                              | NSYTRR24DBL                     | 50                         | NSYTRR44DBL    | 50              | NSYTRR26TBL    |
| Accessories                         |                          |                                 |                                 |                            |                |                 |                |
| End stop for 35 mm DIN rail         | Clip-on, 5.2 mm          | 50                              | NSYTRAAB35                      | 50                         | NSYTRAAB35     | 50              | NSYTRAAB35     |
|                                     | With screw, 9.5 mm       | 50                              | NSYTRAABV35                     | 50                         | NSYTRAABV35    | 50              | NSYTRAABV35    |
| End plate, width 2.2 mm             | Grey                     | 50                              | NSYTRACRE24                     | 50                         | NSYTRACRE44    | 50              | NSYTRACRE26    |
|                                     | Blue                     | -                               | -                               | -                          | -              | -               | -              |
| Plug-in bridge Red                  | 2-pole                   | 50                              | NSYTRAL22                       | 50                         | NSYTRAL42      | 50              | NSYTRAL22      |
|                                     | 3-pole                   | 50                              | NSYTRAL23                       | 50                         | NSYTRAL43      | 50              | NSYTRAL23      |
|                                     | 4-pole                   | 50                              | NSYTRAL24                       | 50                         | NSYTRAL44      | 50              | NSYTRAL24      |
|                                     | 5-pole                   | 50                              | NSYTRAL25                       | 50                         | NSYTRAL45      | 50              | NSYTRAL25      |
|                                     | 10-pole                  | 10                              | NSYTRAL210                      | 10                         | NSYTRAL410     | 10              | NSYTRAL210     |
|                                     | 20-pole                  | 10                              | NSYTRAL220                      | 10                         | NSYTRAL420     | 10              | NSYTRAL220     |
| Vertical bridge                     | 1-pole                   | 50                              | NSYTRALV24R                     | 50                         | NSYTRALV24R    | -               | -              |
| Test plug                           | Metalic part, Ø 2.3 mm   | 10                              | NSYTRAATM1                      | 10                         | NSYTRAATM1     | 10              | NSYTRAATM1     |
|                                     | Insulating sleeve, red   | 10                              | NSYTRAATP1                      | 10                         | NSYTRAATP1     | 10              | NSYTRAATP1     |
| Test adaptor                        | For plug-in bridge shaft | 10                              | NSYTRAFT                        | 10                         | NSYTRAFT       | 10              | NSYTRAFT       |
| Warning label                       | Yellow                   | 10                              | NSYTRACSR2                      | 10                         | NSYTRACSR4     | 10              | NSYTRACSR2     |
| Marker tag holder                   | For ●AB35 end stop       | 100                             | NSYTRASB4                       | 100                        | NSYTRASB4      | 100             | NSYTRASB4      |
| DIN rail 35x7.2mm                   | Perforated, 2m long      | 20                              | NSYSDR200BD                     | 20                         | NSYSDR200BD    | 20              | NSYSDR200BD    |
| Marking accessories                 |                          | See page 80                     |                                 |                            |                |                 |                |
| General data                        |                          |                                 |                                 |                            |                |                 |                |
|                                     | Strip length (mm)        | 10                              |                                 | 10                         |                | 10              |                |

(1) ATEX and IECEx certifications pending.

PB502354



The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRR24D** or **NSYTRR44D** terminal blocks.



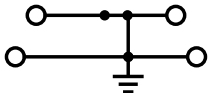
### Spring terminal blocks - Double deck protective earth

PB502165



PB502154



|                                                                                     |  |                                                                                        |  |                                 |  |
|-------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|---------------------------------|--|
|                                                                                     |  | NSYTRR24DPE                                                                            |  | NSYTRR44DPE                     |  |
| Nominal c.s.a.                                                                      |  | 2.5 mm²                                                                                |  | 4 mm²                           |  |
|                                                                                     |  | Type of block                                                                          |  | Protective earth - Double deck  |  |
|                                                                                     |  | Type of connection                                                                     |  | Double deck - Protective earth  |  |
|                                                                                     |  | Colour                                                                                 |  | 1 pole - 2 x 2                  |  |
| Max. electric values                                                                |  | Green/Yellow                                                                           |  | Green/Yellow                    |  |
|                                                                                     |  | -                                                                                      |  | -                               |  |
| Dimensions (mm)                                                                     |  |                                                                                        |  |                                 |  |
|                                                                                     |  | Length                                                                                 |  | 78                              |  |
|                                                                                     |  | Height                                                                                 |  | 92.4                            |  |
|                                                                                     |  | Width                                                                                  |  | 55                              |  |
| Cabling c.s.a. (mm²)                                                                |  | 5.2                                                                                    |  | 6.2                             |  |
|                                                                                     |  | 2.5                                                                                    |  | 4                               |  |
|                                                                                     |  | Flexible cable                                                                         |  | 0.08 - 2.5                      |  |
|                                                                                     |  | 0.08 - 4                                                                               |  | 0.08 - 4                        |  |
|                                                                                     |  | 0.08 - 4                                                                               |  | 0.08 - 6                        |  |
| Nominal electric values                                                             |  |                                                                                        |  |                                 |  |
|                                                                                     |  | IEC/EN 60947-7-1                                                                       |  | -                               |  |
|                                                                                     |  | UL                                                                                     |  | 28 - 12 AWG                     |  |
|                                                                                     |  | CSA                                                                                    |  | 28 - 10 AWG                     |  |
|                                                                                     |  | ATEX  |  | 28 - 12 AWG                     |  |
| Certifications (1)                                                                  |  | -                                                                                      |  | -                               |  |
|                                                                                     |  | UL, CSA, VDE, GL, LR, DNV, GOST                                                        |  | UL, CSA, VDE, GL, LR, DNV, GOST |  |
| Terminal blocks                                                                     |  |                                                                                        |  |                                 |  |
|  |  | Green/Yellow                                                                           |  |                                 |  |
|                                                                                     |  |                                                                                        |  |                                 |  |
|                                                                                     |  | Sold in lots of                                                                        |  | Unit reference                  |  |
|                                                                                     |  | 50                                                                                     |  | NSYTRR24DPE                     |  |
|                                                                                     |  |                                                                                        |  | Sold in lots of                 |  |
|                                                                                     |  |                                                                                        |  | Unit reference                  |  |
|                                                                                     |  |                                                                                        |  | NSYTRR44DPE                     |  |
| Accessories                                                                         |  |                                                                                        |  |                                 |  |
| End stop for 35 mm DIN rail                                                         |  | Clip-on, 5.2 mm                                                                        |  | 50                              |  |
|                                                                                     |  | With screw, 9.5 mm                                                                     |  | NSYTRAAB35                      |  |
|                                                                                     |  | 50                                                                                     |  | NSYTRAABV35                     |  |
| End plate, width 2.2 mm                                                             |  | Grey                                                                                   |  | 50                              |  |
|                                                                                     |  | Blue                                                                                   |  | NSYTRACRE24                     |  |
|                                                                                     |  | -                                                                                      |  | 50                              |  |
|                                                                                     |  | -                                                                                      |  | NSYTRACRE44                     |  |
| Plug-in bridge Red                                                                  |  | 2-pole                                                                                 |  | 50                              |  |
|                                                                                     |  | 3-pole                                                                                 |  | NSYTRAL22                       |  |
|                                                                                     |  | 4-pole                                                                                 |  | 50                              |  |
|                                                                                     |  | 5-pole                                                                                 |  | NSYTRAL23                       |  |
|                                                                                     |  | 10-pole                                                                                |  | 50                              |  |
|                                                                                     |  | 20-pole                                                                                |  | NSYTRAL24                       |  |
|                                                                                     |  | 50                                                                                     |  | NSYTRAL42                       |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRAL43                       |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRAL44                       |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRAL45                       |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRAL210                      |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRAL410                      |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRAL420                      |  |
| Test plug                                                                           |  | Metalic part, Ø 2.3 mm                                                                 |  | 10                              |  |
|                                                                                     |  | Insulating sleeve, red                                                                 |  | NSYTRAATM1                      |  |
|                                                                                     |  | 10                                                                                     |  | 10                              |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRAATP1                      |  |
| Test adaptor                                                                        |  | For plug-in bridge shaft                                                               |  | 10                              |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRAFT                        |  |
| Warning label                                                                       |  | Yellow                                                                                 |  | 10                              |  |
|                                                                                     |  | 10                                                                                     |  | NSYTRACSR2                      |  |
| Marker tag holder                                                                   |  | For ●AB35 end stop                                                                     |  | 10                              |  |
|                                                                                     |  | 100                                                                                    |  | NSYTRACSR4                      |  |
| DIN rail 35 x 7.2 mm                                                                |  | Perforated, 2 m long                                                                   |  | 100                             |  |
|                                                                                     |  | 20                                                                                     |  | NSYTRASB4                       |  |
|                                                                                     |  | NSYSDR200BD                                                                            |  | 20                              |  |
|                                                                                     |  | NSYSDR200BD                                                                            |  | NSYSDR200BD                     |  |
| Marking accessories                                                                 |  | See page 80                                                                            |  |                                 |  |
| General data                                                                        |  |                                                                                        |  |                                 |  |
| Strip length (mm)                                                                   |  | 10                                                                                     |  | 10                              |  |

(1) ATEX and IECEx certifications pending.

### Spring terminal blocks - Disconnect

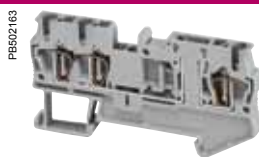
PB502159



PB502160



|                                    |                                    | NSYTRR22SC               | NSYTRR23SC               |                 |                |
|------------------------------------|------------------------------------|--------------------------|--------------------------|-----------------|----------------|
| Nominal c.s.a.                     |                                    | 2.5 mm²                  | 2.5 mm²                  |                 |                |
|                                    | Type of block                      | Disconnect (blade)       | Disconnect (blade)       |                 |                |
|                                    | Type of connection                 | 1 pole - 1 x 1           | 1 pole - 1 x 2           |                 |                |
|                                    | Colour                             | Grey                     | Grey                     |                 |                |
| Max. electric values ( Umax, Imax) |                                    | 400 V, 20 A              | 400 V, 20 A              |                 |                |
| Dimensions (mm)                    |                                    |                          |                          |                 |                |
|                                    | Length                             | 60.5                     | 72                       |                 |                |
|                                    | Height                             | 36.5                     | 36.5                     |                 |                |
|                                    | Width                              | 5.2                      | 5.2                      |                 |                |
| Cabling c.s.a. (mm²)               |                                    | 2.5                      | 2.5                      |                 |                |
|                                    | Flexible cable                     | 0.08 - 2.5               | 0.08 - 2.5               |                 |                |
|                                    | Solid cable                        | 0.08 - 4                 | 0.08 - 4                 |                 |                |
| Nominal electric values            |                                    |                          |                          |                 |                |
|                                    | IEC/EN 60947-7-1                   | 400 V, 20 A              | 400 V, 20 A              |                 |                |
|                                    | UL                                 | 600 V, 16 A, 28 - 12 AWG | 600 V, 16 A, 28 - 12 AWG |                 |                |
|                                    | CSA                                | 300 V, 16 A, 28 - 12 AWG | 300 V, 16 A, 28 - 12 AWG |                 |                |
|                                    | ATEX ⚡                             | -                        | -                        |                 |                |
| Certifications                     |                                    | UL, CSA, GOST            | UL, CSA, GOST            |                 |                |
| Terminal blocks                    |                                    |                          |                          |                 |                |
|                                    |                                    | Sold in lots of          | Unit reference           | Sold in lots of | Unit reference |
|                                    | Grey                               | 50                       | NSYTRR22SC               | 50              | NSYTRR23SC     |
|                                    | Orange                             | 50                       | NSYTRR22SCAR             | 50              | NSYTRR23SCAR   |
| Accessories                        |                                    |                          |                          |                 |                |
| End stop for 35 mm DIN rail        | Clip-on, 5.2 mm                    | 50                       | NSYTRAAB35               | 50              | NSYTRAAB35     |
|                                    | With screw, 9.5 mm                 | 50                       | NSYTRAABV35              | 50              | NSYTRAABV35    |
| End plate, width 2.2 mm            | Grey                               | 50                       | NSYTRACR23               | 50              | NSYTRACR24     |
|                                    | Blue                               | -                        | -                        | -               | -              |
| Partition plate, width 2 mm        | Grey                               | 50                       | NSYTRAPR23               | 50              | NSYTRAPR24     |
|                                    | Blue                               | -                        | -                        | -               | -              |
| Plug-in bridge Red                 | 2-pole                             | 50                       | NSYTRAL22                | 50              | NSYTRAL22      |
|                                    | 3-pole                             | 50                       | NSYTRAL23                | 50              | NSYTRAL23      |
|                                    | 4-pole                             | 50                       | NSYTRAL24                | 50              | NSYTRAL24      |
|                                    | 5-pole                             | 50                       | NSYTRAL25                | 50              | NSYTRAL25      |
|                                    | 10-pole                            | 10                       | NSYTRAL210               | 10              | NSYTRAL210     |
|                                    | 20-pole                            | 10                       | NSYTRAL220               | 10              | NSYTRAL220     |
| Removable carrier                  | For fuse 5 x 20 mm                 | -                        | -                        | -               | -              |
|                                    | For fuse 5 x 20 mm 110 - 250 V LED | -                        | -                        | -               | -              |
|                                    | For fuse 5 x 20 mm 12 - 30 V LED   | -                        | -                        | -               | -              |
|                                    | For component                      | -                        | -                        | -               | -              |
|                                    | With 1N4007 diode                  | -                        | -                        | -               | -              |
| Test plug                          | Metalic part, Ø 2.3 mm             | 10                       | NSYTRAATM1               | 10              | NSYTRAATM1     |
|                                    | Insulating sleeve, red             | 10                       | NSYTRAATP1               | 10              | NSYTRAATP1     |
| Test adaptor                       | For plug-in bridge shaft           | 10                       | NSYTRAFT                 | 10              | NSYTRAFT       |
| Warning label                      | Yellow                             | 50                       | NSYTRACSR2               | 50              | NSYTRACSR2     |
| Marker tag holder                  | For ●AB35 end stop                 | 100                      | NSYTRASB4                | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm               | Perforated, 2 m long               | 20                       | NSYSDR200BD              | 20              | NSYSDR200BD    |
| Marking accessories                |                                    | See page 80              |                          |                 |                |
| General data                       |                                    |                          |                          |                 |                |
|                                    | Strip length (mm)                  | 10                       |                          | 10              |                |



| NSYTRR22TB               |                | NSYTRR23TB               |                | NSYTRR24SCD              |                |
|--------------------------|----------------|--------------------------|----------------|--------------------------|----------------|
| 2.5 mm <sup>2</sup>      |                | 2.5 mm <sup>2</sup>      |                | 2.5 mm <sup>2</sup>      |                |
| Disconnect (for carrier) |                | Disconnect (for carrier) |                | Disconnect (blade)       |                |
| 1 pole - 1 x 1           |                | 1 pole - 1 x 2           |                | 2 pole - 1 x 1           |                |
| Grey                     |                | Grey                     |                | Grey                     |                |
| 400 V, 20 A              |                | 400 V, 20 A              |                | 400 V, 16 A              |                |
| 60.5                     |                | 72                       |                | 107                      |                |
| 36.5                     |                | 36.5                     |                | 55                       |                |
| 5.2                      |                | 5.2                      |                | 5.2                      |                |
| 2.5                      |                | 2.5                      |                | 2.5                      |                |
| 0.08 - 2.5               |                | 0.08 - 2.5               |                | 0.08 - 2.5               |                |
| 0.08 - 4                 |                | 0.08 - 4                 |                | 0.08 - 4                 |                |
| 400 V, 20 A              |                | 400 V, 20 A              |                | 400 V, 16 A              |                |
| 300 V, 16 A, 28 - 12 AWG |                | 300 V, 16 A, 28 - 12 AWG |                | 300 V, 10 A, 28 - 12 AWG |                |
| 300 V, 16 A, 28 - 12 AWG |                | 300 V, 16 A, 28 - 12 AWG |                | 300 V, 10 A, 28 - 12 AWG |                |
| -                        |                | -                        |                | -                        |                |
| UL, CSA, GOST            |                | UL, CSA, GOST            |                | UL, CSA, GOST            |                |
| Sold in lots of          | Unit reference | Sold in lots of          | Unit reference | Sold in lots of          | Unit reference |
| 50                       | NSYTRR22TB     | 50                       | NSYTRR23TB     | 50                       | NSYTRR24SCD    |
| -                        | -              | -                        | -              | -                        | -              |
| 50                       | NSYTRAAB35     | 50                       | NSYTRAAB35     | 50                       | NSYTRAAB35     |
| 50                       | NSYTRAABV35    | 50                       | NSYTRAABV35    | 50                       | NSYTRAABV35    |
| 50                       | NSYTRACR23     | 50                       | NSYTRACR24     | -                        | Included       |
| -                        | -              | -                        | -              | -                        | -              |
| 50                       | NSYTRAPR23     | 50                       | NSYTRAPR24     | -                        | -              |
| -                        | -              | -                        | -              | -                        | -              |
| 50                       | NSYTRAL22      | 50                       | NSYTRAL22      | 50                       | -              |
| 50                       | NSYTRAL23      | 50                       | NSYTRAL23      | 50                       | -              |
| 50                       | NSYTRAL24      | 50                       | NSYTRAL24      | 50                       | -              |
| 50                       | NSYTRAL25      | 50                       | NSYTRAL25      | 50                       | -              |
| 10                       | NSYTRAL210     | 10                       | NSYTRAL210     | 10                       | -              |
| 10                       | NSYTRAL220     | 10                       | NSYTRAL220     | 10                       | -              |
| 10                       | NSYTRASF520    | 10                       | NSYTRASF520    | -                        | -              |
| 10                       | NSYTRASF520M   | 10                       | NSYTRASF520M   | -                        | -              |
| 10                       | NSYTRASF520B   | 10                       | NSYTRASF520B   | -                        | -              |
| 10                       | NSYTRASV1      | 10                       | NSYTRASV1      | -                        | -              |
| 10                       | NSYTRASV2      | 10                       | NSYTRASV2      | -                        | -              |
| 10                       | NSYTRAATM1     | 10                       | NSYTRAATM1     | 10                       | NSYTRAATM1     |
| 10                       | NSYTRAATP1     | 10                       | NSYTRAATP1     | 10                       | NSYTRAATP1     |
| 10                       | NSYTRAFT       | 10                       | NSYTRAFT       | 10                       | NSYTRAFT       |
| 50                       | NSYTRACSR2     | 50                       | NSYTRACSR2     | 50                       | NSYTRACSR2     |
| 100                      | NSYTRASB4      | 100                      | NSYTRASB4      | 100                      | NSYTRASB4      |
| 20                       | NSYSDR200BD    | 20                       | NSYSDR200BD    | 20                       | NSYSDR200BD    |
| 10                       |                | 10                       |                | 10                       |                |

### Spring terminal blocks - Miniature passthrough and miniature protective Earth

#### DIN rail mounting

PB502218

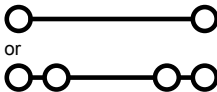


PB502215



PB502305



|                                                                                     |                                                                                                       |                                                                                                                           |                          |                    |                |                 |                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------|----------------|-----------------|----------------|
|                                                                                     |                                                                                                       | NSYTRR22M                                                                                                                 | NSYTRR24M                | NSYTRR22MPE        |                |                 |                |
| Nominal c.s.a.                                                                      |                                                                                                       | 2.5 mm²                                                                                                                   | 2.5 mm²                  | 2.5 mm²            |                |                 |                |
|                                                                                     | Type of block                                                                                         | Passthrough                                                                                                               | Passthrough              | Protective earth   |                |                 |                |
|                                                                                     | Type of connection                                                                                    | 1 pole - 1 x 1                                                                                                            | 1 pole - 2 x 2           | 1 pole - 1 x 1     |                |                 |                |
|                                                                                     | Colour                                                                                                | Grey                                                                                                                      | Grey                     | Green/Yellow       |                |                 |                |
| Max. electric values (Umax, Imax)                                                   |                                                                                                       | 800 V, 30 A                                                                                                               | 800 V, 30 A              | -                  |                |                 |                |
| Dimensions (mm)                                                                     |                                                                                                       |                                                                                                                           |                          |                    |                |                 |                |
|                                                                                     | Length                                                                                                | 32                                                                                                                        | 32                       | 32                 |                |                 |                |
|                                                                                     | Height                                                                                                | 30                                                                                                                        | 30                       | 30                 |                |                 |                |
|                                                                                     | Width                                                                                                 | 5.2                                                                                                                       | 10.4                     | 5.2                |                |                 |                |
| Mounting on                                                                         |                                                                                                       | NS15 Din rail                                                                                                             | NS15 Din rail            | NS15 Din rail      |                |                 |                |
| Cabling c.s.a. (mm²)                                                                |                                                                                                       | 2.5                                                                                                                       | 2.5                      | 2.5                |                |                 |                |
|                                                                                     | Flexible cable                                                                                        | 0.08 - 2.5                                                                                                                | 0.08 - 2.5               | 0.08 - 2.5         |                |                 |                |
|                                                                                     | Solid cable                                                                                           | 0.08 - 4                                                                                                                  | 0.08 - 4                 | 0.08 - 4           |                |                 |                |
| Nominal electric values                                                             |                                                                                                       |                                                                                                                           |                          |                    |                |                 |                |
|                                                                                     | IEC/EN 60947-7-1                                                                                      | 800 V, 24 A                                                                                                               | 800 V, 24 A              | -                  |                |                 |                |
|                                                                                     | UL                                                                                                    | 600 V, 20 A, 28 - 12 AWG                                                                                                  | 600 V, 20 A, 28 - 12 AWG | 28 - 12 AWG        |                |                 |                |
|                                                                                     | CSA                                                                                                   | 600 V, 20 A, 28 - 12 AWG                                                                                                  | 600 V, 20 A, 28 - 12 AWG | 28 - 12 AWG        |                |                 |                |
|                                                                                     | ATEX               | 690 V, 22 A                                                                                                               | 690 V, 22 A              | -                  |                |                 |                |
| Certifications (1)                                                                  |                                                                                                       | UL, CSA, VDE, GOST                                                                                                        | UL, CSA, VDE, GOST       | UL, CSA, VDE, GOST |                |                 |                |
| Terminal blocks                                                                     |                                                                                                       |                                                                                                                           |                          |                    |                |                 |                |
|  |                                                                                                       | Sold in lots of                                                                                                           | Unit reference           | Sold in lots of    | Unit reference | Sold in lots of | Unit reference |
|                                                                                     | Grey                                                                                                  | 50                                                                                                                        | NSYTRR22M                | 50                 | NSYTRR24M      | 50              | NSYTRR22MPE    |
|                                                                                     | Blue                                                                                                  | 50                                                                                                                        | NSYTRR22MBL              | 50                 | NSYTRR24MBL    | -               | -              |
|                                                                                     | Grey, with flange                                                                                     | -                                                                                                                         | -                        | -                  | -              | -               | -              |
| Accessories                                                                         |                                                                                                       |                                                                                                                           |                          |                    |                |                 |                |
| End stop for 15 mm DIN rail                                                         | Clip-on, 5.2 mm                                                                                       | 50                                                                                                                        | NSYTRAAB15               | 50                 | NSYTRAAB15     | 50              | NSYTRAAB15     |
| End plate, width 2.2 mm                                                             | Grey                                                                                                  | 50                                                                                                                        | NSYTRACRM22              | 50                 | NSYTRACRM22    | 50              | NSYTRACRM22    |
|                                                                                     | Grey, with flange                                                                                     | -                                                                                                                         | -                        | -                  | -              | -               | -              |
| Insertion bridge Grey                                                               | 2-pole                                                                                                | -                                                                                                                         | -                        | 10                 | NSYTRALM22     | -               | -              |
| Marker tag holder                                                                   | For  AB15 end stop | 100                                                                                                                       | NSYTRASB4                | 100                | NSYTRASB4      | 100             | NSYTRASB4      |
| DIN rail 15 x 7.2 mm                                                                | Perforated, 2 m long                                                                                  | 10                                                                                                                        | NSYTRADR155              | 10                 | NSYTRADR155    | 10              | NSYTRADR155    |
| Marking accessories (for all mini spring terminals)                                 |                                                                                                       | Only for <b>NSYTRABF</b> . See page 81 |                          |                    |                |                 |                |
| General data                                                                        |                                                                                                       |                                                                                                                           |                          |                    |                |                 |                |
|                                                                                     | Strip length (mm)                                                                                     | 8                                                                                                                         | 8                        | 8                  |                |                 |                |
|                                                                                     | Plate thickness (mm)                                                                                  | -                                                                                                                         | -                        | -                  |                |                 |                |
|                                                                                     | Hole diameter (mm)                                                                                    | -                                                                                                                         | -                        | -                  |                |                 |                |

(1) ATEX and IECEx certifications pending.

| Direct mounting (flange) |                                                                                   |                  |          | For micro-perforated mounting plates                                              |                  |          |                                                                                   |                |          |                                                                                     |                |
|--------------------------|-----------------------------------------------------------------------------------|------------------|----------|-----------------------------------------------------------------------------------|------------------|----------|-----------------------------------------------------------------------------------|----------------|----------|-------------------------------------------------------------------------------------|----------------|
| PB502216                 |  |                  | PB502214 |  |                  | PB502217 |  |                | PB502213 |  |                |
|                          | NSYTRR22MF                                                                        |                  |          | NSYTRR24MF                                                                        |                  |          | NSYTRR22MP                                                                        |                |          | NSYTRR24MP                                                                          |                |
|                          | 2.5 mm²                                                                           |                  |          | 2.5 mm²                                                                           |                  |          | 2.5 mm²                                                                           |                |          | 2.5 mm²                                                                             |                |
|                          | Passthrough                                                                       |                  |          | Passthrough                                                                       |                  |          | Passthrough                                                                       |                |          | Passthrough                                                                         |                |
|                          | 1 pole - 1 x 1                                                                    |                  |          | 1 pole - 2 x 2                                                                    |                  |          | 1 pole - 1 x 1                                                                    |                |          | 1 pole - 2 x 2                                                                      |                |
|                          | Grey                                                                              |                  |          | Grey                                                                              |                  |          | Grey                                                                              |                |          | Grey                                                                                |                |
|                          | 800 V, 30 A                                                                       |                  |          | 800 V, 30 A                                                                       |                  |          | 800 V, 30 A                                                                       |                |          | 800 V, 30 A                                                                         |                |
|                          | 32                                                                                |                  |          | 32                                                                                |                  |          | 32                                                                                |                |          | 32                                                                                  |                |
|                          | 22                                                                                |                  |          | 22                                                                                |                  |          | 22                                                                                |                |          | 22                                                                                  |                |
|                          | 5.2                                                                               |                  |          | 10.4                                                                              |                  |          | 5.2                                                                               |                |          | 10.4                                                                                |                |
|                          | Direct mounting                                                                   |                  |          | Direct mounting                                                                   |                  |          | Pin mounting                                                                      |                |          | Pin mounting                                                                        |                |
|                          | 2.5                                                                               |                  |          | 2.5                                                                               |                  |          | 2.5                                                                               |                |          | 2.5                                                                                 |                |
|                          | 0.08 - 2.5                                                                        |                  |          | 0.08 - 2.5                                                                        |                  |          | 0.08 - 2.5                                                                        |                |          | 0.08 - 2.5                                                                          |                |
|                          | 0.08 - 4                                                                          |                  |          | 0.08 - 4                                                                          |                  |          | 0.08 - 4                                                                          |                |          | 0.08 - 4                                                                            |                |
|                          | 800 V, 24 A                                                                       |                  |          | 800 V, 24 A                                                                       |                  |          | 800 V, 24 A                                                                       |                |          | 800 V, 24 A                                                                         |                |
|                          | 600 V, 20 A, 28 - 12 AWG                                                          |                  |          | 600 V, 20 A, 28 - 12 AWG                                                          |                  |          | 600 V, 20 A, 28 - 12 AWG                                                          |                |          | 600 V, 20 A, 28 - 12 AWG                                                            |                |
|                          | 600 V, 20 A, 28 - 12 AWG                                                          |                  |          | 600 V, 20 A, 28 - 12 AWG                                                          |                  |          | 600 V, 20 A, 28 - 12 AWG                                                          |                |          | 600 V, 20 A, 28 - 12 AWG                                                            |                |
|                          | 550 V, 22 A                                                                       |                  |          | 550 V, 22 A                                                                       |                  |          | 550 V, 22 A                                                                       |                |          | 550 V, 22 A                                                                         |                |
|                          | UL, CSA, VDE, GOST                                                                |                  |          | UL, CSA, VDE, GOST                                                                |                  |          | UL, CSA, VDE, GOST                                                                |                |          | UL, CSA, VDE, GOST                                                                  |                |
|                          | Sold in lots of                                                                   | Unit reference   |          | Sold in lots of                                                                   | Unit reference   |          | Sold in lots of                                                                   | Unit reference |          | Sold in lots of                                                                     | Unit reference |
|                          | 50                                                                                | NSYTRR22MF       |          | 50                                                                                | NSYTRR24MF       |          | 50                                                                                | NSYTRR22MP     |          | 10                                                                                  | NSYTRR24MP     |
|                          | 50                                                                                | NSYTRR22MFBL     |          | 50                                                                                | NSYTRR24MFBL     |          | 50                                                                                | NSYTRR22MPBL   |          | 10                                                                                  | NSYTRR24MPBL   |
|                          | 50                                                                                | NSYTRR22MFF (2)  |          | 50                                                                                | NSYTRR24MFF (2)  |          | -                                                                                 | -              |          | -                                                                                   | -              |
|                          | -                                                                                 | -                |          | -                                                                                 | -                |          | -                                                                                 | -              |          | -                                                                                   | -              |
|                          | 50                                                                                | NSYTRACRM22      |          | 50                                                                                | NSYTRACRM22      |          | 50                                                                                | NSYTRACRM22    |          | 50                                                                                  | NSYTRACRM22    |
|                          | 50                                                                                | NSYTRACRMF22 (2) |          | 50                                                                                | NSYTRACRMF22 (2) |          | -                                                                                 | -              |          | -                                                                                   | -              |
|                          | -                                                                                 | -                |          | 10                                                                                | NSYTRALM22       |          | -                                                                                 | -              |          | 10                                                                                  | NSYTRALM22     |
|                          | 100                                                                               | NSYTRASB4        |          | 100                                                                               | NSYTRASB4        |          | 100                                                                               | NSYTRASB4      |          | 100                                                                                 | -              |
|                          | -                                                                                 | -                |          | -                                                                                 | -                |          | -                                                                                 | -              |          | -                                                                                   | -              |
|                          | 8                                                                                 |                  |          | 8                                                                                 |                  |          | 8                                                                                 |                |          | 8                                                                                   |                |
|                          | -                                                                                 |                  |          | -                                                                                 |                  |          | 0.6 - 1.5                                                                         |                |          | 0.6 - 1.5                                                                           |                |
|                          | -                                                                                 |                  |          | -                                                                                 |                  |          | 3.5                                                                               |                |          | 3.5                                                                                 |                |

(2) Can only be used at the end of a group of terminals.

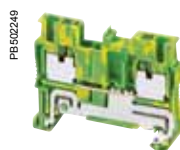


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|                 |    |
|-----------------|----|
| Selection guide | 64 |
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| Passthrough | 66 |
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|                  |    |
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| Protective earth | 68 |
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|             |    |
|-------------|----|
| Double deck | 70 |
|-------------|----|



|            |    |
|------------|----|
| Disconnect | 72 |
|------------|----|

| Push-in             |                                                                                           | Passthrough                                                                         |                                                                                     | Protective earth                                                                    |                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                     |                                                                                           | Passthrough                                                                         |                                                                                     |                                                                                     |                                                                                       |
|                     |                                                                                           |    |    |    |    |
| Nominal c.s.a (mm²) |                                                                                           | 2.5                                                                                 | 4                                                                                   | 2.5                                                                                 | 4                                                                                     |
| Number of poles     | 1 - 1 x 1                                                                                 | NSYTRP22                                                                            | NSYTRP42                                                                            | NSYTRP22PE                                                                          | NSYTRP42PE                                                                            |
|                     | 1 - 1 x 2                                                                                 | NSYTRP23                                                                            | NSYTRP43                                                                            | NSYTRP23PE                                                                          | NSYTRP43PE                                                                            |
|                     | 1 - 2 x 2                                                                                 | NSYTRP24                                                                            | NSYTRP44                                                                            | NSYTRP24PE                                                                          | NSYTRP44PE                                                                            |
|                     | 1 - 2 x 4                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
|                     | 1 - 3 x 3                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
|                     | 2 - 1 x 1                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
|                     | 2 - 1 x 2                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
|                     | 3 - 1 x 1                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
| Colours             | Grey                                                                                      |    |    | -                                                                                   | -                                                                                     |
|                     | Blue                                                                                      | NSYTRP22BL<br>NSYTRP23BL<br>NSYTRP24BL                                              | NSYTRP42BL<br>NSYTRP43BL<br>NSYTRP44BL                                              | -                                                                                   | -                                                                                     |
|                     | Green/yellow (PE)                                                                         | -                                                                                   | -                                                                                   |    |    |
|                     | Orange                                                                                    | NSYTRP22AR<br>NSYTRP23AR                                                            | -                                                                                   | -                                                                                   | -                                                                                     |
|                     | Black                                                                                     | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
|                     | With flange                                                                               | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
|                     | 35 mm  |  |  |  |  |
|                     | 35 mm  |  |  |  |  |
| Mounting on         | Telequick                                                                                 | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
|                     | 15 mm  | -                                                                                   | -                                                                                   | -                                                                                   | -                                                                                     |
| See pages           |                                                                                           | 66/67                                                                               | 67                                                                                  | 68                                                                                  | 69                                                                                    |

PB502360



## Vertical bridge

The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double-level **NSYTRP24D** terminal block.

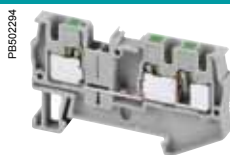


|             | Double deck                                                                       | Disconnect |                          | Hybrid: Screw - IDC connection |          |
|-------------|-----------------------------------------------------------------------------------|------------|--------------------------|--------------------------------|----------|
|             |                                                                                   | Blade      | Removable carrier        | Passthrough                    |          |
| PB50226     |  | PB50227    | PB502302                 | PB50217                        | PB50219  |
|             | 2.5                                                                               | 2.5        | 2.5 & 4                  | 1.5                            | 2.5      |
| -           |                                                                                   | NSYTRP22SC | NSYTRP22TB<br>NSYTRP42TB | NSYTRH12                       | NSYTRH22 |
| -           |                                                                                   | NSYTRP23SC | -                        | NSYTRH13                       | -        |
| -           |                                                                                   | NSYTRP24SC | -                        | -                              | -        |
| -           |                                                                                   | -          | -                        | -                              | -        |
| -           |                                                                                   | -          | -                        | -                              | -        |
| NSYTRP24D   |                                                                                   | -          | -                        | -                              | -        |
| -           |                                                                                   | -          | -                        | -                              | -        |
| -           |                                                                                   | -          | -                        | -                              | -        |
| ■           |                                                                                   | ■          | ■                        | ■                              | ■        |
| NSYTRP24DBL |                                                                                   | -          | -                        | -                              | -        |
| NSYTRP24DPE |                                                                                   | -          | -                        | NSYTRH12PE                     | -        |
| -           |                                                                                   | -          | -                        | -                              | -        |
| -           |                                                                                   | -          | -                        | -                              | -        |
| -           |                                                                                   | -          | -                        | -                              | -        |
| ■           |                                                                                   | ■          | ■                        | -                              | -        |
| ■           |                                                                                   | ■          | ■                        | -                              | -        |
| -           |                                                                                   | -          | -                        | -                              | -        |
| -           |                                                                                   | -          | -                        | ■                              | ■        |
| 70          |                                                                                   | 72         | 73                       | 76                             | 77       |

### Push-in terminal - Passthrough

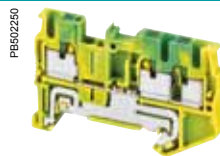
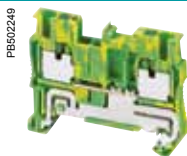


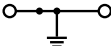
|                                                                                     |                             | NSYTRP22                                     | NSYTRP23                                     |                 |                |
|-------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------|----------------------------------------------|-----------------|----------------|
| Nominal c.s.a.                                                                      |                             | 2.5 mm²                                      | 2.5 mm²                                      |                 |                |
|                                                                                     | Type of block               | Passthrough                                  | Passthrough                                  |                 |                |
|                                                                                     | Type of connection          | 1 pole - 1 x 1                               | 1 pole - 1 x 2                               |                 |                |
|                                                                                     | Colour                      | Grey                                         | Grey                                         |                 |                |
| Max. electric values (Umax , Imax)                                                  |                             | 800 V, 30 A                                  | 800 V, 30 A                                  |                 |                |
| Dimensions (mm)                                                                     |                             |                                              |                                              |                 |                |
|                                                                                     | Length                      | 48.5                                         | 60.5                                         |                 |                |
|                                                                                     | Height                      | 36.5                                         | 36.5                                         |                 |                |
|                                                                                     | Width                       | 5.2                                          | 5.2                                          |                 |                |
| Cabling c.s.a. (mm²)                                                                |                             | 2.5                                          | 2.5                                          |                 |                |
|                                                                                     | Flexible cable              | 0.14 - 2.5                                   | 0.14 - 2.5                                   |                 |                |
|                                                                                     | Solid cable                 | 0.14 - 4                                     | 0.14 - 4                                     |                 |                |
| Nominal electric values                                                             |                             |                                              |                                              |                 |                |
|                                                                                     | IEC/EN 60947-7-1            | 800 V, 24 A                                  | 800 V, 24 A                                  |                 |                |
|                                                                                     | UL                          | 600 V, 20 A, 24 -12 AWG                      | 600 V, 20 A, 24 -12 AWG                      |                 |                |
|                                                                                     | CSA                         | 600 V, 20 A, 24 -12 AWG                      | 600 V, 20 A, 24 -12 AWG                      |                 |                |
|                                                                                     | ATEX Ⓢ                      | 550 V, 22 A                                  | 550 V, 22 A                                  |                 |                |
| Certifications                                                                      |                             | UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEX, GL, LR, DNV, GOST |                 |                |
| Terminal blocks                                                                     |                             |                                              |                                              |                 |                |
|  |                             | Sold in lots of                              | Unit reference                               | Sold in lots of | Unit reference |
|                                                                                     | Grey                        | 50                                           | NSYTRP22                                     | 50              | NSYTRP23       |
|                                                                                     | Blue                        | 50                                           | NSYTRP22BL                                   | 50              | NSYTRP23BL     |
|                                                                                     | Orange                      | 50                                           | NSYTRP22AR                                   | 50              | NSYTRP23AR     |
| Accessories                                                                         |                             |                                              |                                              |                 |                |
| End stop                                                                            | Clip-on, 5.2 mm             | 50                                           | NSYTRAAB35                                   | 50              | NSYTRAAB35     |
| for 35 mm DIN rail                                                                  | With screw, 9.5 mm          | 50                                           | NSYTRAABV35                                  | 50              | NSYTRAABV35    |
| End plate                                                                           | Grey                        | 50                                           | NSYTRACR22                                   | 50              | NSYTRACR23     |
| width 2.2 mm                                                                        | Blue                        | 50                                           | NSYTRACR22BL                                 | 50              | NSYTRACR23BL   |
| Partition plate                                                                     | Grey                        | 50                                           | NSYTRAPR42                                   | 50              | NSYTRAPR23     |
| width 2 mm                                                                          | Blue                        | -                                            | -                                            | -               | -              |
| Plug-in bridge                                                                      | 2-pole                      | 50                                           | NSYTRAL22                                    | 50              | NSYTRAL22      |
| Red                                                                                 | 3-pole                      | 50                                           | NSYTRAL23                                    | 50              | NSYTRAL23      |
|                                                                                     | 4-pole                      | 50                                           | NSYTRAL24                                    | 50              | NSYTRAL24      |
|                                                                                     | 5-pole                      | 50                                           | NSYTRAL25                                    | 50              | NSYTRAL25      |
|                                                                                     | 10-pole                     | 10                                           | NSYTRAL210                                   | 10              | NSYTRAL210     |
|                                                                                     | 20-pole                     | 10                                           | NSYTRAL220                                   | 10              | NSYTRAL220     |
| Blue                                                                                | 10-pole                     | 10                                           | NSYTRAL210BL                                 | 10              | NSYTRAL210BL   |
| Grey                                                                                | 10-pole                     | 10                                           | NSYTRAL210GR                                 | 10              | NSYTRAL210GR   |
| Step-down bridge, down to 2.5/4 mm²                                                 | Screw to screw terminal     | -                                            | -                                            | -               | -              |
|                                                                                     | Spring to spring trterminal | -                                            | -                                            | -               | -              |
| Test plug                                                                           | Metalic part, Ø 2.3 mm      | 10                                           | NSYTRAATM1                                   | 10              | NSYTRAATM1     |
|                                                                                     | Insulating sleeve, red      | 10                                           | NSYTRAATP1                                   | 10              | NSYTRAATP1     |
| Test adaptor                                                                        | For plug-in bridge shaft    | 10                                           | NSYTRAFT                                     | 10              | NSYTRAFT       |
| Warning label                                                                       | Yellow                      | -                                            | -                                            | -               | -              |
| Marker tag holder                                                                   | For ●AB35 end stop          | 100                                          | NSYTRASB4                                    | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm                                                                | Perforated, 2 m long        | 20                                           | NSYSDR200BD                                  | 20              | NSYSDR200BD    |
| Marking accessories                                                                 |                             | See page 80                                  |                                              |                 |                |
| General data                                                                        |                             |                                              |                                              |                 |                |
|                                                                                     | Strip length (mm)           | 10                                           |                                              | 10              |                |

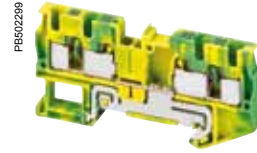
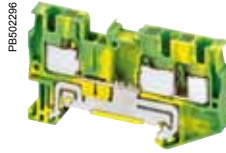
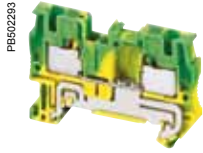


| NSYTRP24                                     |                | NSYTRP42                                     |                | NSYTRP43                                     |                | NSYTRP44                                     |                |
|----------------------------------------------|----------------|----------------------------------------------|----------------|----------------------------------------------|----------------|----------------------------------------------|----------------|
| 2.5 mm <sup>2</sup>                          |                | 4 mm <sup>2</sup>                            |                | 4 mm <sup>2</sup>                            |                | 4 mm <sup>2</sup>                            |                |
| Passthrough                                  |                | Passthrough                                  |                | Passthrough                                  |                | Passthrough                                  |                |
| 1 pole - 2 x 2                               |                | 1 pole - 1 x 1                               |                | 1 pole - 1 x 2                               |                | 1 pole - 2 x 2                               |                |
| Grey                                         |                | Grey                                         |                | Grey                                         |                | Grey                                         |                |
| 800 V, 30 A                                  |                | 800 V, 38 A                                  |                | 800 V, 38 A                                  |                | 800 V, 38 A                                  |                |
| 72                                           |                | 56                                           |                | 66.5                                         |                | 77                                           |                |
| 36.5                                         |                | 36.5                                         |                | 36.5                                         |                | 36.5                                         |                |
| 5.2                                          |                | 6.2                                          |                | 6.2                                          |                | 6.2                                          |                |
| 2.5                                          |                | 4                                            |                | 4                                            |                | 4                                            |                |
| 0.14 - 2.5                                   |                | 0.2 - 4                                      |                | 0.2 - 4                                      |                | 0.2 - 4                                      |                |
| 0.14 - 4                                     |                | 0.2 - 6                                      |                | 0.2 - 6                                      |                | 0.2 - 6                                      |                |
| 800 V, 24 A                                  |                | 800 V, 32 A                                  |                | 800 V, 32 A                                  |                | 800 V, 32 A                                  |                |
| 600 V, 20 A, 24 - 12 AWG                     |                | 600 V, 30 A, 24 - 10 AWG                     |                | 600 V, 30 A, 24 - 10 AWG                     |                | 600 V, 30 A, 24 - 10 AWG                     |                |
| 600 V, 20 A, 24 - 12 AWG                     |                | 600 V, 30 A, 24 - 10 AWG                     |                | 600 V, 30 A, 24 - 10 AWG                     |                | 600 V, 30 A, 24 - 10 AWG                     |                |
| 550 V, 22 A                                  |                | 550 V, 29 A                                  |                | 550 V, 29 A                                  |                | 550 V, 29 A                                  |                |
| UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                |
| Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference |
| 50                                           | NSYTRP24       | 50                                           | NSYTRP42       | 50                                           | NSYTRP43       | 50                                           | NSYTRP44       |
| 50                                           | NSYTRP24BL     | 50                                           | NSYTRP42BL     | 50                                           | NSYTRP43BL     | 50                                           | NSYTRP44BL     |
| -                                            | -              | -                                            | -              | -                                            | -              | -                                            | -              |
| 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     |
| 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    |
| 50                                           | NSYTRACR24     | 50                                           | NSYTRACR42     | 50                                           | NSYTRACP43     | 50                                           | NSYTRACP44     |
| 50                                           | NSYTRACR24BL   | -                                            | -              | -                                            | -              | -                                            | -              |
| 50                                           | NSYTRAPR24     | 50                                           | NSYTRAPR42     | -                                            | -              | -                                            | -              |
| -                                            | -              | -                                            | -              | -                                            | -              | -                                            | -              |
| 50                                           | NSYTRAL22      | 50                                           | NSYTRAL42      | 50                                           | NSYTRAL42      | 50                                           | NSYTRAL42      |
| 50                                           | NSYTRAL23      | 50                                           | NSYTRAL43      | 50                                           | NSYTRAL43      | 50                                           | NSYTRAL43      |
| 50                                           | NSYTRAL24      | 50                                           | NSYTRAL44      | 50                                           | NSYTRAL44      | 50                                           | NSYTRAL44      |
| 50                                           | NSYTRAL25      | 50                                           | NSYTRAL45      | 50                                           | NSYTRAL45      | 50                                           | NSYTRAL45      |
| 10                                           | NSYTRAL210     | 10                                           | NSYTRAL410     | 10                                           | NSYTRAL410     | 10                                           | NSYTRAL410     |
| 10                                           | NSYTRAL220     | 10                                           | NSYTRAL420     | 10                                           | NSYTRAL420     | 10                                           | NSYTRAL420     |
| 10                                           | NSYTRAL210BL   | 10                                           | NSYTRAL410BL   | 10                                           | NSYTRAL410BL   | 10                                           | NSYTRAL410BL   |
| 10                                           | NSYTRAL210GR   | 10                                           | NSYTRAL410GR   | 10                                           | NSYTRAL410GR   | 10                                           | NSYTRAL410GR   |
| -                                            | -              | -                                            | -              | -                                            | -              | -                                            | -              |
| -                                            | -              | -                                            | -              | -                                            | -              | -                                            | -              |
| 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     |
| 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     |
| 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       |
| -                                            | -              | -                                            | -              | -                                            | -              | -                                            | -              |
| 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      |
| 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    |
| 10                                           |                | 12                                           |                | 12                                           |                | 12                                           |                |

### Push-in terminal blocks - Protective earth



|                                                                                     |                                                                                        | NSYTRP22PE                                   | NSYTRP23PE                                   | NSYTRP24PE                                   |                |                 |                |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------|-----------------|----------------|
| Nominal c.s.a.                                                                      |                                                                                        | 2.5 mm²                                      | 2.5 mm²                                      | 2.5 mm²                                      |                |                 |                |
|                                                                                     | Type of block                                                                          | Protective earth                             | Protective earth                             | Protective earth                             |                |                 |                |
|                                                                                     | Type of connection                                                                     | 1 pole - 1 x 1                               | 1 pole - 1 x 2                               | 1 pole - 2 x 2                               |                |                 |                |
|                                                                                     | Colour                                                                                 | Green/Yellow                                 | Green/Yellow                                 | Green/Yellow                                 |                |                 |                |
| Max. electric values                                                                |                                                                                        | -                                            | -                                            | -                                            |                |                 |                |
| Dimensions (mm)                                                                     |                                                                                        |                                              |                                              |                                              |                |                 |                |
|                                                                                     | Length                                                                                 | 48.5                                         | 60.5                                         | 72                                           |                |                 |                |
|                                                                                     | Height                                                                                 | 36.5                                         | 36.5                                         | 36.5                                         |                |                 |                |
|                                                                                     | Width                                                                                  | 5.2                                          | 5.2                                          | 5.2                                          |                |                 |                |
| Cabling c.s.a. (mm²)                                                                |                                                                                        | 2.5                                          | 2.5                                          | 2.5                                          |                |                 |                |
|                                                                                     | Flexible cable                                                                         | 0.08 - 2.5                                   | 0.08 - 2.5                                   | 0.08 - 2.5                                   |                |                 |                |
|                                                                                     | Solid cable                                                                            | 0.08 - 4                                     | 0.08 - 4                                     | 0.08 - 4                                     |                |                 |                |
| Nominal electric values                                                             |                                                                                        |                                              |                                              |                                              |                |                 |                |
|                                                                                     | IEC/EN 60947-7-1                                                                       | -                                            | -                                            | -                                            |                |                 |                |
|                                                                                     | UL                                                                                     | 24 - 12 AWG                                  | 24 - 12 AWG                                  | 24 - 12 AWG                                  |                |                 |                |
|                                                                                     | CSA                                                                                    | 24 - 12 AWG                                  | 24 - 12 AWG                                  | 24 - 12 AWG                                  |                |                 |                |
|                                                                                     | ATEX  | -                                            | -                                            | -                                            |                |                 |                |
| Certifications                                                                      |                                                                                        | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                |                 |                |
| Terminal blocks                                                                     |                                                                                        |                                              |                                              |                                              |                |                 |                |
|  |                                                                                        | Sold in lots of                              | Unit reference                               | Sold in lots of                              | Unit reference | Sold in lots of | Unit reference |
|                                                                                     | Green/Yellow                                                                           | 50                                           | NSYTRP22PE                                   | 50                                           | NSYTRP23PE     | 50              | NSYTRP24PE     |
| Accessories                                                                         |                                                                                        |                                              |                                              |                                              |                |                 |                |
| End stop<br>for 35 mm DIN rail                                                      | Clip-on, 5.2 mm                                                                        | 50                                           | NSYTRAAB35                                   | 50                                           | NSYTRAAB35     | 50              | NSYTRAAB35     |
|                                                                                     | With screw, 9.5 mm                                                                     | 50                                           | NSYTRAABV35                                  | 50                                           | NSYTRAABV35    | 50              | NSYTRAABV35    |
| End plate,<br>width 2.2 mm                                                          | Grey                                                                                   | 50                                           | NSYTRACR22                                   | 50                                           | NSYTRACR23     | 50              | NSYTRACR24     |
|                                                                                     | Blue                                                                                   | 50                                           | NSYTRACR22BL                                 | 50                                           | NSYTRACR23BL   | 50              | NSYTRACR24BL   |
| Partition plate,<br>width 2 mm                                                      | Grey                                                                                   | 50                                           | NSYTRAPR42                                   | 50                                           | NSYTRAPR23     | 50              | NSYTRAPR24     |
|                                                                                     | Blue                                                                                   | -                                            | -                                            | -                                            | -              | -               | -              |
| Plug-in bridge<br>Red                                                               | 2-pole                                                                                 | 50                                           | NSYTRAL22                                    | 50                                           | NSYTRAL22      | 50              | NSYTRAL22      |
|                                                                                     | 3-pole                                                                                 | 50                                           | NSYTRAL23                                    | 50                                           | NSYTRAL23      | 50              | NSYTRAL23      |
|                                                                                     | 4-pole                                                                                 | 50                                           | NSYTRAL24                                    | 50                                           | NSYTRAL24      | 50              | NSYTRAL24      |
|                                                                                     | 5-pole                                                                                 | 50                                           | NSYTRAL25                                    | 50                                           | NSYTRAL25      | 50              | NSYTRAL25      |
|                                                                                     | 10-pole                                                                                | 10                                           | NSYTRAL210                                   | 10                                           | NSYTRAL210     | 10              | NSYTRAL210     |
|                                                                                     | 20-pole                                                                                | 10                                           | NSYTRAL220                                   | 10                                           | NSYTRAL220     | 10              | NSYTRAL220     |
| Test plug                                                                           | Metalic part, Ø 2.3 mm                                                                 | 10                                           | NSYTRAATM1                                   | 10                                           | NSYTRAATM1     | 10              | NSYTRAATM1     |
|                                                                                     | Insulating sleeve, red                                                                 | 10                                           | NSYTRAATP1                                   | 10                                           | NSYTRAATP1     | 10              | NSYTRAATP1     |
| Test adaptor                                                                        | For plug-in bridge shaft                                                               | 10                                           | NSYTRAFT                                     | 10                                           | NSYTRAFT       | 10              | NSYTRAFT       |
| Warning label                                                                       | Yellow                                                                                 | -                                            | -                                            | -                                            | -              | -               | -              |
| Marker tag holder                                                                   | For ●AB35 end stop                                                                     | 100                                          | NSYTRASB4                                    | 100                                          | NSYTRASB4      | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm                                                                | Perforated, 2 m long                                                                   | 20                                           | NSYSDR200BD                                  | 20                                           | NSYSDR200BD    | 20              | NSYSDR200BD    |
| Marking accessories                                                                 |                                                                                        | See page 80                                  |                                              |                                              |                |                 |                |
| General data                                                                        |                                                                                        |                                              |                                              |                                              |                |                 |                |
|                                                                                     | Strip length (mm)                                                                      | 10                                           |                                              | 10                                           |                | 10              |                |



| NSYTRP42PE                                   |                | NSYTRP43PE                                   |                | NSYTRP44PE                                   |                |
|----------------------------------------------|----------------|----------------------------------------------|----------------|----------------------------------------------|----------------|
| 4 mm <sup>2</sup>                            |                | 4 mm <sup>2</sup>                            |                | 4 mm <sup>2</sup>                            |                |
| Protective earth                             |                | Protective earth                             |                | Protective earth                             |                |
| 1 pole - 1 x 1                               |                | 1 pole - 1 x 2                               |                | 1 pole - 2 x 2                               |                |
| Green/Yellow                                 |                | Green/Yellow                                 |                | Green/Yellow                                 |                |
| -                                            |                | -                                            |                | -                                            |                |
| 56                                           |                | 66.5                                         |                | 77                                           |                |
| 36.5                                         |                | 36.5                                         |                | 36.5                                         |                |
| 6.2                                          |                | 6.2                                          |                | 6.2                                          |                |
| 4                                            |                | 4                                            |                | 4                                            |                |
| 0.08 - 4                                     |                | 0.08 - 4                                     |                | 0.08 - 4                                     |                |
| 0.08 - 6                                     |                | 0.08 - 6                                     |                | 0.08 - 6                                     |                |
| -                                            |                | -                                            |                | -                                            |                |
| 24 - 10 AWG                                  |                | 24 - 10 AWG                                  |                | 24 - 10 AWG                                  |                |
| 24 - 10 AWG                                  |                | 24 - 10 AWG                                  |                | 24 - 10 AWG                                  |                |
| -                                            |                | -                                            |                | -                                            |                |
| UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                | UL, CSA, VDE, ATEX, IECEx, GL, LR, DNV, GOST |                |
| Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference | Sold in lots of                              | Unit reference |
| 50                                           | NSYTRP42PE     | 50                                           | NSYTRP43PE     | 50                                           | NSYTRP44PE     |
| 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     | 50                                           | NSYTRAAB35     |
| 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    | 50                                           | NSYTRAABV35    |
| 50                                           | NSYTRACR42     | 50                                           | NSYTRACP43     | 50                                           | NSYTRACP44     |
| -                                            | -              | -                                            | -              | -                                            | -              |
| 50                                           | NSYTRAPR42     | -                                            | -              | -                                            | -              |
| -                                            | -              | -                                            | -              | -                                            | -              |
| 50                                           | NSYTRAL42      | 50                                           | NSYTRAL42      | 50                                           | NSYTRAL42      |
| 50                                           | NSYTRAL43      | 50                                           | NSYTRAL43      | 50                                           | NSYTRAL43      |
| 50                                           | NSYTRAL44      | 50                                           | NSYTRAL44      | 50                                           | NSYTRAL44      |
| 50                                           | NSYTRAL45      | 50                                           | NSYTRAL45      | 50                                           | NSYTRAL45      |
| 10                                           | NSYTRAL410     | 10                                           | NSYTRAL410     | 10                                           | NSYTRAL410     |
| 10                                           | NSYTRAL420     | 10                                           | NSYTRAL420     | 10                                           | NSYTRAL420     |
| 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     | 10                                           | NSYTRAATM1     |
| 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     | 10                                           | NSYTRAATP1     |
| 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       | 10                                           | NSYTRAFT       |
| -                                            | -              | -                                            | -              | -                                            | -              |
| 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      | 100                                          | NSYTRASB4      |
| 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    | 20                                           | NSYSDR200BD    |
| 12                                           |                | 12                                           |                | 12                                           |                |

### Push-in terminal blocks - Double deck passthrough

PB502266



PB502280



|                                   |                                                                                        | NSYTRP24D                       | NSYTRP24DPE                     |                 |                |
|-----------------------------------|----------------------------------------------------------------------------------------|---------------------------------|---------------------------------|-----------------|----------------|
| Nominal c.s.a.                    |                                                                                        | 2.5 mm²                         | 2.5 mm²                         |                 |                |
|                                   | Type of block                                                                          | Passthrough - Double deck       | Protective earth - Double deck  |                 |                |
|                                   | Type of connection                                                                     | 2 pole - 1 x 1                  | 1 pole - 2 x 2                  |                 |                |
|                                   | Colour                                                                                 | Grey                            | Green/Yellow                    |                 |                |
| Max. electric values (Umax, Imax) |                                                                                        | 500 V, 24 A                     | -                               |                 |                |
| Dimensions (mm)                   |                                                                                        |                                 |                                 |                 |                |
|                                   | Length                                                                                 | 78                              | 78                              |                 |                |
|                                   | Height                                                                                 | 55                              | 55                              |                 |                |
|                                   | Width                                                                                  | 5.2                             | 5.2                             |                 |                |
|                                   |                                                                                        | 2.5                             | 2.5                             |                 |                |
| Cabling c.s.a. (mm²)              | Flexible cable                                                                         | 0.14 - 2.5                      | 0.14 - 2.5                      |                 |                |
|                                   | Solid cable                                                                            | 0.14 - 4                        | 0.14 - 4                        |                 |                |
|                                   |                                                                                        |                                 |                                 |                 |                |
| Nominal electric values           |                                                                                        |                                 |                                 |                 |                |
|                                   | IEC/EN 60947-7-1                                                                       | 500 V, 22 A                     | -                               |                 |                |
|                                   | UL                                                                                     | 600 V, 20 A, 26 - 12 AWG        | 26 - 12 AWG                     |                 |                |
|                                   | CSA                                                                                    | 600 V, 20 A, 26 - 12 AWG        | 26 - 12 AWG                     |                 |                |
|                                   | ATEX  | -                               | -                               |                 |                |
| Certifications (1)                |                                                                                        | UL, CSA, VDE, GL, LR, DNV, GOST | UL, CSA, VDE, GL, LR, DNV, GOST |                 |                |
| Terminal blocks                   |                                                                                        |                                 |                                 |                 |                |
|                                   |                                                                                        | Sold in lots of                 | Unit reference                  | Sold in lots of | Unit reference |
|                                   | Grey                                                                                   | 50                              | NSYTRP24D                       | 50              | NSYTRP24DPE    |
|                                   | Blue                                                                                   | 50                              | NSYTRP24DBL                     | -               | -              |
| Accessories                       |                                                                                        |                                 |                                 |                 |                |
| End stop for 35 mm DIN rail       | Clip-on, 5.2 mm                                                                        | 50                              | NSYTRAAB35                      | 50              | NSYTRAAB35     |
|                                   | With screw, 9.5 mm                                                                     | 50                              | NSYTRAABV35                     | 50              | NSYTRAABV35    |
| End plate, width 2.2 mm           | Grey                                                                                   | 50                              | NSYTRACRE24                     | 50              | NSYTRACRE24    |
|                                   | Blue                                                                                   | -                               | -                               | -               | -              |
| Plug-in bridge Red                | 2-pole                                                                                 | 50                              | NSYTRAL22                       | 50              | NSYTRAL22      |
|                                   | 3-pole                                                                                 | 50                              | NSYTRAL23                       | 50              | NSYTRAL23      |
|                                   | 4-pole                                                                                 | 50                              | NSYTRAL24                       | 50              | NSYTRAL24      |
|                                   | 5-pole                                                                                 | 50                              | NSYTRAL25                       | 50              | NSYTRAL25      |
|                                   | 10-pole                                                                                | 10                              | NSYTRAL210                      | 10              | NSYTRAL210     |
|                                   | 20-pole                                                                                | 10                              | NSYTRAL220                      | 10              | NSYTRAL220     |
| Vertical bridge                   | 1-pole                                                                                 | 50                              | NSYTRALV24R                     | -               | -              |
| Test plug                         | Metalic part, Ø 2.3 mm                                                                 | 10                              | NSYTRAATM1                      | 10              | NSYTRAATM1     |
|                                   | Insulating sleeve, red                                                                 | 10                              | NSYTRAATP1                      | 10              | NSYTRAATP1     |
| Test adaptor                      | For plug-in bridge shaft                                                               | 10                              | NSYTRAFT                        | 10              | NSYTRAFT       |
| Marker tag holder                 | For ●AB35 end stop                                                                     | 100                             | NSYTRASB4                       | 100             | NSYTRASB4      |
| DIN rail 35 x 7.2 mm              | Perforated, 2 m long                                                                   | 20                              | NSYSDR200BD                     | 20              | NSYSDR200BD    |
| Marking accessories               |                                                                                        | See page 80                     |                                 |                 |                |
| General data                      |                                                                                        |                                 |                                 |                 |                |
| Strip length (mm)                 |                                                                                        | 10                              |                                 | 10              |                |

(1) ATEX and IECEx certifications pending.

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The **NSYTRALV24R** vertical bridge offers the option of connecting both levels of the standard double deck **NSYTRP24D** terminal block.



### Push-in terminal blocks - Disconnect



|                                   |                                   | NSYTRP22SC                 | NSYTRP23SC                 | NSYTRP24SC                 |
|-----------------------------------|-----------------------------------|----------------------------|----------------------------|----------------------------|
| Nominal c.s.a.                    | Nominal c.s.a.                    | 2.5 mm <sup>2</sup>        | 2.5 mm <sup>2</sup>        | 2.5 mm <sup>2</sup>        |
|                                   | Type of block                     | Disconnect (blade)         | Disconnect (blade)         | Disconnect (blade)         |
|                                   | Type of connection                | 1 pole - 1 x 1             | 1 pole - 1 x 2             | 1 pole - 2 x 2             |
|                                   | Colour                            | Grey                       | Grey                       | Grey                       |
| Max. electric values (Umax, Imax) |                                   | 400 V, 20 A                | 400 V, 20 A                | 400 V, 20 A                |
| <b>Dimensions (mm)</b>            |                                   |                            |                            |                            |
| Cabling c.s.a. (mm <sup>2</sup> ) | Length                            | 62                         | 72                         | 72                         |
|                                   | Height                            | 36.5                       | 36.5                       | 36.5                       |
|                                   | Width                             | 5.2                        | 5.2                        | 5.2                        |
|                                   | Cabling c.s.a. (mm <sup>2</sup> ) | 2.5                        | 2.5                        | 2.5                        |
|                                   | Flexible cable                    | 0.14 - 2.5                 | 0.14 - 2.5                 | 0.14 - 2.5                 |
|                                   | Solid cable                       | 0.14 - 4                   | 0.14 - 4                   | 0.14 - 4                   |
| <b>Nominal electric values</b>    |                                   |                            |                            |                            |
| Certifications                    | IEC/EN 60947-7-1                  | 400 V, 20 A                | 400 V, 20 A                | 400 V, 20 A                |
|                                   | UL                                | 300 V, 20 A, 26 -12 AWG    | 300 V, 20 A, 26 -12 AWG    | 300 V, 20 A, 26 -12 AWG    |
|                                   | CSA                               | 300 V, 20 A, 26 -12 AWG    | 300 V, 20 A, 26 -12 AWG    | 300 V, 20 A, 26 -12 AWG    |
|                                   | ATEX                              | -                          | -                          | -                          |
| Certifications                    |                                   | UL, CSA, VDE, GL, LR, GOST | UL, CSA, VDE, GL, LR, GOST | UL, CSA, VDE, GL, LR, GOST |
| <b>Terminal blocks</b>            |                                   |                            |                            |                            |
| Grey                              | Sold in lots of                   | 50                         | 50                         | 50                         |
|                                   | Unit reference                    | NSYTRP22SC                 | NSYTRP23SC                 | NSYTRP24SC                 |
| <b>Accessories</b>                |                                   |                            |                            |                            |
| End stop for 35 mm DIN rail       | Clip-on, 5.2 mm                   | 50                         | 50                         | 50                         |
|                                   | With screw, 9.5 mm                | 50                         | 50                         | 50                         |
| End plate, width 2.2 mm           | Grey                              | 50                         | 50                         | 50                         |
|                                   | Blue                              | -                          | -                          | -                          |
| Partition plate, width 2 mm       | Grey                              | 50                         | 50                         | -                          |
|                                   | Blue                              | -                          | -                          | -                          |
| Plug-in bridge Red                | 2-pole                            | 50                         | 50                         | 50                         |
|                                   | 3-pole                            | 50                         | 50                         | 50                         |
|                                   | 4-pole                            | 50                         | 50                         | 50                         |
|                                   | 5-pole                            | 50                         | 50                         | 50                         |
|                                   | 10-pole                           | 10                         | 10                         | 10                         |
|                                   | 20-pole                           | 10                         | 10                         | 10                         |
| Test plug                         | Metalic part, Ø 2.3 mm            | 10                         | 10                         | 10                         |
|                                   | Insulating sleeve, red            | 10                         | 10                         | 10                         |
| Test adaptor                      | For plug-in bridge shaft          | 10                         | 10                         | 10                         |
| Marker tag holder                 | For ●AB35 end stop                | 100                        | 100                        | 100                        |
| DIN rail 35 x 7.2 mm              | Perforated, 2 m long              | 20                         | 20                         | 20                         |
| Marking accessories               |                                   | See page 80                |                            |                            |
| <b>General data</b>               |                                   |                            |                            |                            |
| Removable carrier                 | Strip length (mm)                 | 10                         | 10                         | 10                         |
|                                   | for fuse 5 x 20 mm                | -                          | -                          | -                          |
|                                   | for fuse 5 x 20 mm 110 V          | -                          | -                          | -                          |
|                                   | for fuse 5 x 20 mm 12 V           | -                          | -                          | -                          |
|                                   | for component                     | -                          | -                          | -                          |
|                                   | with 1N4007 diode                 | -                          | -                          | -                          |





| NSYTRP22TB                 |                | NSYTRP42TB               |                |
|----------------------------|----------------|--------------------------|----------------|
| 2.5 mm <sup>2</sup>        |                | 4 mm <sup>2</sup>        |                |
| Disconnect (for carrier)   |                | Disconnect (for carrier) |                |
| 1 pole - 1 x 1             |                | 1 pole - 1 x 1           |                |
| Grey                       |                | Grey                     |                |
| 400 V, 20 A                |                | 400 V, 20 A              |                |
| 62                         |                | 56                       |                |
| 36.5                       |                | 36.5                     |                |
| 5.2                        |                | 6.2                      |                |
| 2.5                        |                | 4                        |                |
| 0.14 - 2.5                 |                | 0.2 - 4                  |                |
| 0.14 - 4                   |                | 0.2 - 6                  |                |
| 400 V, 20 A                |                | 400 V, 20 A              |                |
| 300 V, 20 A, 26 -12 AWG    |                | 300 V, 20 A, 24 -12 AWG  |                |
| 300 V, 20 A, 26 -12 AWG    |                | 300 V, 20 A, 24 -12 AWG  |                |
| -                          |                | -                        |                |
| UL, CSA, VDE, GL, LR, GOST |                | UL, CSA, VDE, GL, GOST   |                |
| Sold in lots of            | Unit reference | Sold in lots of          | Unit reference |
| 50                         | NSYTRP22TB     | 50                       | NSYTRP42TB     |
| 50                         | NSYTRAAB35     | 50                       | NSYTRAAB35     |
| 50                         | NSYTRAABV35    | 50                       | NSYTRAABV35    |
| 50                         | NSYTRACPK22    | 50                       | NSYTRACR42     |
| -                          | -              | -                        | -              |
| -                          | -              | 50                       | NSYTRAPR24     |
| -                          | -              | -                        | -              |
| 50                         | NSYTRAL22      | 50                       | NSYTRAL42      |
| 50                         | NSYTRAL23      | 50                       | NSYTRAL43      |
| 50                         | NSYTRAL24      | 50                       | NSYTRAL44      |
| 50                         | NSYTRAL25      | 50                       | NSYTRAL45      |
| 10                         | NSYTRAL210     | 10                       | NSYTRAL410     |
| 10                         | NSYTRAL220     | 10                       | NSYTRAL420     |
| 10                         | NSYTRAATM1     | 10                       | NSYTRAATM1     |
| 10                         | NSYTRAATP1     | 10                       | NSYTRAATP1     |
| 10                         | NSYTRAFT       | 10                       | NSYTRAFT       |
| 100                        | NSYTRASB4      | 100                      | NSYTRASB4      |
| 20                         | NSYSDR200BD    | 20                       | NSYSDR200BD    |
| 10                         |                | 12                       |                |
| 10                         | NSYTRASF520    | 10                       | NSYTRASF520    |
| 10                         | NSYTRASF520M   | 10                       | NSYTRASF520M   |
| 10                         | NSYTRASF520B   | 10                       | NSYTRASF520B   |
| 10                         | NSYTRASV1      | 10                       | NSYTRASV1      |
| 10                         | NSYTRASV2      | 10                       | NSYTRASV2      |



PB50217



**Passthrough**

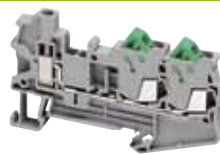
**76**

### Hybrid terminal blocks - Passthrough

PB50217



PB50218



|                                |                                   | NSYTRH12                   | NSYTRH13                         |
|--------------------------------|-----------------------------------|----------------------------|----------------------------------|
| Nominal c.s.a.                 | Type of block                     | Passthrough                | Passthrough                      |
|                                | Type of connection                | 1 pole - 1 x 1             | 1 pole - 1 x 2 (1 screw x 2 IDC) |
|                                | Colour                            | Grey                       | Grey                             |
|                                | Max. electric values (Umax, Imax) | 800 V, 17 A                | 800 V, 17 A                      |
| <b>Dimensions (mm)</b>         |                                   |                            |                                  |
|                                | Length                            | 58.8                       | 76.4                             |
|                                | Height                            | 42.8                       | 42.8                             |
|                                | Width                             | 5.2                        | 5.2                              |
| Cabling c.s.a. (mm²)           | IDC connection                    | 1.5                        | 1.5                              |
|                                | Flexible cable                    | 0.5 - 1.5                  | 0.5 - 1.5                        |
| Cabling c.s.a. (mm²)           | Screw connection                  | 1.5                        | 1.5                              |
|                                | Flexible cable                    | 0.14 - 2.5                 | 0.14 - 2.5                       |
|                                | Solid cable                       | 0.14 - 4                   | 0.14 - 4                         |
| <b>Nominal electric values</b> |                                   |                            |                                  |
|                                | IEC/EN 60947-7-1                  | 800 V, 17 A                | 800 V, 17 A                      |
|                                | UL                                | 600 V, 10 A, 24 - 16 AWG   | 600 V, 10 A, 24 - 16 AWG         |
|                                | CSA                               | 600 V, 10 A, 24 - 16 AWG   | 600 V, 10 A, 24 - 16 AWG         |
|                                | ATEX                              | 550 V, 16.5 A              | 550 V, 16.5 A                    |
| Certifications                 |                                   | UL, CSA, ATEX, IECEx, GOST | UL, CSA, ATEX, IECEx, GOST       |
| <b>Terminal blocks</b>         |                                   |                            |                                  |
|                                | Grey                              | Sold in lots of 50         | Unit reference NSYTRH12          |
|                                |                                   |                            | Sold in lots of 50               |
| <b>Accessories</b>             |                                   |                            |                                  |
| End stop for 35 mm DIN rail    | Clip-on, 5.2 mm                   | 50                         | NSYTRAAB35                       |
|                                | With screw, 9.5 mm                | 50                         | NSYTRAABV35                      |
| End plate, width 2.2 mm        | Grey                              | 50                         | NSYTRACH12                       |
|                                | Blue                              | -                          | -                                |
| Partition plate, width 2 mm    | Grey                              | 50                         | NSYTRAPD12                       |
|                                | Blue                              | -                          | -                                |
| Plug-in bridge Red             | 2-pole                            | 50                         | NSYTRAL22                        |
|                                | 3-pole                            | 50                         | NSYTRAL23                        |
|                                | 4-pole                            | 50                         | NSYTRAL24                        |
|                                | 5-pole                            | 50                         | NSYTRAL25                        |
|                                | 10-pole                           | 10                         | NSYTRAL210                       |
|                                | 20-pole                           | 10                         | NSYTRAL220                       |
| Test plug                      | Metalic part, Ø 2.3 mm            | 10                         | NSYTRAATM1                       |
|                                | Insulating sleeve, red            | 10                         | NSYTRAATP1                       |
| Test adaptor                   | For plug-in bridge shaft          | 10                         | NSYTRAFT                         |
| Marker tag holder              | For ●AB35 end stop                | 100                        | NSYTRASB4                        |
| DIN rail 35 x 7.2 mm           | Perforated, 2 m long              | 20                         | NSYSDR200BD                      |
| Marking accessories            |                                   | See page 80                |                                  |
| <b>General data</b>            |                                   |                            |                                  |
|                                | Strip length (mm)                 | 9                          | 9                                |
|                                | Screw thread                      | M3                         | M3                               |
|                                | Torque (Nm)                       | 0.5 - 0.6                  | 0.6 - 0.8                        |



| NSYTRH22                   |                | NSYTRH12PE                 |                |
|----------------------------|----------------|----------------------------|----------------|
| 2.5 mm <sup>2</sup>        |                | 1.5 mm <sup>2</sup>        |                |
| Passthrough                |                | Protective earth           |                |
| 1 pole - 1 x 1             |                | 1 pole - 1 x 1             |                |
| Grey                       |                | Green/Yellow               |                |
| 800 V, 24 A                |                | -                          |                |
| 62.6                       |                | 58.8                       |                |
| 42.8                       |                | 42.8                       |                |
| 6.2                        |                | 5.2                        |                |
| 2.5                        |                | 1.5                        |                |
| 0.5 - 2.5                  |                | 0.5 - 1.5                  |                |
| 2.5                        |                | 1.5                        |                |
| 0.14 - 4                   |                | 0.14 - 2.5                 |                |
| 0.14 - 6                   |                | 0.14 - 4                   |                |
| 800 V, 24 A                |                | -                          |                |
| 600 V, 15 A, 20 - 14 AWG   |                | 24 - 16 AWG                |                |
| 600 V, 15 A, 20 - 14 AWG   |                | 24 - 16 AWG                |                |
| 550 V, 22 A                |                | -                          |                |
| UL, CSA, ATEX, IECEx, GOST |                | UL, CSA, ATEX, IECEx, GOST |                |
| Sold in lots of            | Unit reference | Sold in lots of            | Unit reference |
| 50                         | NSYTRH22       | 50                         | NSYTRH12PE     |
| 50                         | NSYTRAAB35     | 50                         | NSYTRAAB35     |
| 50                         | NSYTRAABV35    | 50                         | NSYTRAABV35    |
| 50                         | NSYTRACH22     | 50                         | NSYTRACH12     |
| -                          | -              | -                          | -              |
| -                          | -              | 50                         | NSYTRAPD12     |
| -                          | -              | -                          | -              |
| 50                         | NSYTRAL42      | 50                         | NSYTRAL22      |
| 50                         | NSYTRAL43      | 50                         | NSYTRAL23      |
| 50                         | NSYTRAL44      | 50                         | NSYTRAL24      |
| 50                         | NSYTRAL45      | 50                         | NSYTRAL25      |
| 10                         | NSYTRAL410     | 10                         | NSYTRAL210     |
| 10                         | NSYTRAL420     | 10                         | NSYTRAL220     |
| 10                         | NSYTRAATM1     | 10                         | NSYTRAATM1     |
| 10                         | NSYTRAATP1     | 10                         | NSYTRAATP1     |
| 10                         | NSYTRAFT       | 10                         | NSYTRAFT       |
| 100                        | NSYTRASB4      | 100                        | NSYTRASB4      |
| 20                         | NSYSDR200BD    | 20                         | NSYSDR200BD    |
| 10                         |                | 14                         |                |
| M4                         |                | M5                         |                |
| 1.5 - 1.8                  |                | 2.5 - 3                    |                |



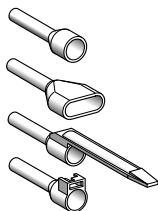
PB502336



### Marking accessories

80

815574



### Mounting and cabling accessories

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## Marking accessories

PB502336



PB502338



PB502339



| Clip-in marker strips |                                    | NSYTRAB5●                                                                                                            | NSYTRAB6●                                                                                                            | NSYTRAB8●                                                                                                            |
|-----------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Description           |                                    | 10 consecutive figures or numbers, printed horizontally                                                              | 10 consecutive figures or numbers, printed horizontally                                                              | 10 consecutive figures or numbers, printed horizontally                                                              |
|                       | Material                           | Polyamide (PA 6.6, silicone and halogen free)                                                                        | Polyamide (PA 6.6, silicone and halogen free)                                                                        | Polyamide (PA 6.6, silicone and halogen free)                                                                        |
|                       | Colour                             | Black markings on white background                                                                                   | Black markings on white background                                                                                   | Black markings on white background                                                                                   |
|                       | Inflammability class acc. to UL 94 | V2                                                                                                                   | V2                                                                                                                   | V2                                                                                                                   |
|                       | Temperature range (°C)             | -40 ... +100                                                                                                         | -40 ... +100                                                                                                         | -40 ... +100                                                                                                         |
| Compatibility         |                                    | For 2.5 mm <sup>2</sup> TBs: <b>NSY TRV / TRR / TRP / TRH</b>                                                        | For 4 mm <sup>2</sup> TBs: <b>NSY TRV / TRR / TRP / TRH</b>                                                          | For 6 mm <sup>2</sup> TBs: <b>NSY TRV / TRR / TRP / TRH</b>                                                          |
|                       | For terminal block width           | 5.2 mm                                                                                                               | 6.2 mm                                                                                                               | 8.2 mm                                                                                                               |
|                       | Mounting position                  | Lateral sides for <b>NSYTRV</b> terminal blocks<br>Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks | Lateral sides for <b>NSYTRV</b> terminal blocks<br>Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks | Lateral sides for <b>NSYTRV</b> terminal blocks<br>Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks |

## Marking strips

| Printed characters                            | Sold in lots of | Unit reference | Sold in lots of | Unit reference | Sold in lots of | Unit reference |
|-----------------------------------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| 1 .... 10                                     | 10              | NSYTRAB510     | 10              | NSYTRAB610     | 10              | NSYTRAB810     |
| 11 .... 20                                    | 10              | NSYTRAB520     | 10              | NSYTRAB620     | 10              | NSYTRAB820     |
| 21 .... 30                                    | 10              | NSYTRAB530     | 10              | NSYTRAB630     | 10              | NSYTRAB830     |
| 31 .... 40                                    | 10              | NSYTRAB540     | 10              | NSYTRAB640     | 10              | NSYTRAB840     |
| 41 .... 50                                    | 10              | NSYTRAB550     | 10              | NSYTRAB650     | 10              | NSYTRAB850     |
| 51 .... 60                                    | 10              | NSYTRAB560     | 10              | NSYTRAB660     | 10              | NSYTRAB860     |
| 61 .... 70                                    | 10              | NSYTRAB570     | 10              | NSYTRAB670     | 10              | NSYTRAB870     |
| 71 .... 80                                    | 10              | NSYTRAB580     | 10              | NSYTRAB680     | 10              | NSYTRAB880     |
| 81 .... 90                                    | 10              | NSYTRAB590     | 10              | NSYTRAB690     | 10              | NSYTRAB890     |
| 91 .... 100                                   | 10              | NSYTRAB5100    | 10              | NSYTRAB6100    | 10              | NSYTRAB8100    |
| 1 .... 100<br>(1 - 10; 11 - 20; ... 91 - 100) | 100             | NSYTRAB51100   | 100             | NSYTRAB61100   | -               | -              |
| L1, L2, L3, N, PE                             | 10              | NSYTRAB5L1N    | 10              | NSYTRAB6L1N    | -               | -              |

## Marking cards

PB502343



PB502344



PB502345



| Blank marking cards      | Sold in lots of | Unit reference | Sold in lots of | Unit reference | Sold in lots of | Unit reference |
|--------------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| 72 characters (6 strips) | 10              | NSYTRABPV5     | -               | -              | -               | -              |
| 60 characters (6 strips) | -               | -              | 10              | NSYTRABPV6     | -               | -              |
| 42 characters (6 strips) | -               | -              | -               | -              | 10              | NSYTRABPV8     |

## Marking cards for AB1 terminals (2) and Multi9 Acti9 range

|                                 |   |   |    |              |   |   |
|---------------------------------|---|---|----|--------------|---|---|
| Blank (60 characters max.)      | - | - | 10 | NSYTRAXPV6   | - | - |
| 1 .... 10 (6 strips)            | - | - | 10 | NSYTRAXP610  | - | - |
| 11 .... 20 (6 strips)           | - | - | 10 | NSYTRAXP620  | - | - |
| 21 .... 30 (6 strips)           | - | - | 10 | NSYTRAXP630  | - | - |
| 31 .... 40 (6 strips)           | - | - | 10 | NSYTRAXP640  | - | - |
| 41 .... 50 (6 strips)           | - | - | 10 | NSYTRAXP650  | - | - |
| L1, L2, L3 (60 characters max.) | - | - | 10 | NSYTRAX6L1L3 | - | - |

## Accessories

|                                   |   |            |   |            |   |            |
|-----------------------------------|---|------------|---|------------|---|------------|
| Plotter adapter for marking cards | 1 | NSYTRABMP1 | 1 | NSYTRABMP1 | 1 | NSYTRABMP1 |
|-----------------------------------|---|------------|---|------------|---|------------|

(1) For 16mm<sup>2</sup> terminal blocks or bigger, the strip must be broken and use the individual marking characters.

(2) Only for AB1 terminal blocks 4mm<sup>2</sup>; and for Multi9 Acti9 range.



PB502340



PB502350



| NSYTRAB10●                                                                                                           | NSYTRABF5●                                                                                                           | NSYTRABF6●                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 10 consecutive figures or numbers, printed horizontally                                                              | 10 consecutive figures or numbers, printed horizontally                                                              | 10 consecutive figures or numbers, printed horizontally                                                              |
| Polyamide (PA 6.6, silicone and halogen free)                                                                        | Polyamide (PA 6.6, silicone and halogen free)                                                                        | Polyamide (PA 6.6, silicone and halogen free)                                                                        |
| Black markings on white background                                                                                   | Black markings on white background                                                                                   | Black markings on white background                                                                                   |
| V2                                                                                                                   | V2                                                                                                                   | V2                                                                                                                   |
| -40 ... +100                                                                                                         | -40 ... +100                                                                                                         | -40 ... +100                                                                                                         |
| For $\geq 10 \text{ mm}^2$ TBs: <b>NSY TRV / TRR / TRP / TRH</b>                                                     | For $2.5 \text{ mm}^2$ TBs: <b>NSY TRV / TRR / TRP / TRH</b>                                                         | For $4 \text{ mm}^2$ TBs: <b>NSY TRV / TRR / TRP / TRH</b>                                                           |
| $\geq 10.2 \text{ mm}$ (1)                                                                                           | 5.2 mm                                                                                                               | 6.2 mm                                                                                                               |
| Lateral sides for <b>NSYTRV</b> terminal blocks<br>Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks | Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks<br>Lateral sides for <b>NSYTRV</b> terminal blocks | Central shaft for <b>NSYTRR / NSYTRP / NSYTRH</b> terminal blocks<br>Lateral sides for <b>NSYTRV</b> terminal blocks |

| Sold in lots of | Unit reference | Sold in lots of | Unit reference | Sold in lots of | Unit reference |
|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| 10              | NSYTRAB1010    | 10              | NSYTRABF510    | 10              | NSYTRABF610    |
| 10              | NSYTRAB1020    | 10              | NSYTRABF520    | 10              | NSYTRABF620    |
| 10              | NSYTRAB1030    | 10              | NSYTRABF530    | 10              | NSYTRABF630    |
| 10              | NSYTRAB1040    | 10              | NSYTRABF540    | 10              | NSYTRABF640    |
| 10              | NSYTRAB1050    | 10              | NSYTRABF550    | 10              | NSYTRABF650    |
| 10              | NSYTRAB1060    | -               | -              | -               | -              |
| 10              | NSYTRAB1070    | -               | -              | -               | -              |
| 10              | NSYTRAB1080    | -               | -              | -               | -              |
| 10              | NSYTRAB1090    | -               | -              | -               | -              |
| 10              | NSYTRAB10100   | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              |

PB502341



PB502342



| Sold in lots of | Unit reference | Sold in lots of | Unit reference | Sold in lots of | Unit reference |
|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| -               | -              | -               | -              | -               | -              |
| -               | -              | 10              | NSYTRABFPV5    | 10              | NSYTRABFPV6    |
| -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              |
| -               | -              | -               | -              | -               | -              |
| -               | -              | 1               | NSYTRABMP2     | 1               | NSYTRABMP2     |

## Marking accessories

PB502201



|                                        |                                         | NSYTRABCV●                                              |                |
|----------------------------------------|-----------------------------------------|---------------------------------------------------------|----------------|
|                                        |                                         | Marking collars for cables                              |                |
| Description                            |                                         | Open marker carrier, 15 mm wide, for clipping into wire |                |
|                                        | Material                                | PVC (Siliconefree)                                      |                |
|                                        | Colour                                  | White marker with transparent sleeve                    |                |
|                                        | Inflammability class according to UL 94 | V0                                                      |                |
|                                        | Temperature range [°C]                  | -50 ... +80                                             |                |
| Compatibility                          |                                         | For conductor diameter 2 mm up to 8 mm                  |                |
|                                        | Mounting position                       | Clip-on to the cable                                    |                |
|                                        | Marking elements                        | With any of the NSYTRABCP● marking elements             |                |
| Marking collars and inserts            |                                         |                                                         |                |
| Marking collars                        |                                         | Sold in lots of                                         | Unit reference |
| for conductor diameter                 | 2 to 3.5 mm                             | 500                                                     | NSYTRABCV23    |
|                                        | 3 to 5 mm                               | 500                                                     | NSYTRABCV35    |
|                                        | 5 to 8 mm                               | 500                                                     | NSYTRABCV58    |
| Marking inserts, A4 format, perforated |                                         |                                                         |                |
| Colour                                 | White                                   | -                                                       | -              |
|                                        | Yellow                                  | -                                                       | -              |
|                                        | Red                                     | -                                                       | -              |
|                                        | Blue                                    | -                                                       | -              |
| Marking card with 50 inserts           |                                         |                                                         |                |
| Colour                                 | White                                   | -                                                       | -              |

## Marking accessories

PB502351



|                             |                                                                               | NSYTRAPLOT                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |
|-----------------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|                             |                                                                               | Plotter                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |
|                             |                                                                               | <div>■ A flexible plotter that helps you label marking elements quickly and easily.</div> <div>■ Rugged construction in stylish aluminium</div> <div>■ Easy to change fixtures to suit a variety of marking elements</div> <div>■ Auto calibration no adjustment necessary</div> <div>■ Including <b>NSYTRA BMP1 / BMP2</b> adaptor plates, 0.25 &amp; 0.35 mm black pens, Spacial.print software, power supply, connecting cables, user manual</div> |                   |
| Printing area               |                                                                               | A4                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |
| Input voltage/ frequency    |                                                                               | 100 - 240 V AC, 50/60 Hz                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |
| Interface                   |                                                                               | USB 2.0                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |
| Operating system            |                                                                               | MS Windows XP/Vista/7                                                                                                                                                                                                                                                                                                                                                                                                                                 |                   |
| Compatibility               |                                                                               | For all <b>NSYTR</b> blank marking cards                                                                                                                                                                                                                                                                                                                                                                                                              |                   |
| Marking collars and inserts |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |
| Marking plotter             |                                                                               | Sold in lots of                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit reference    |
| Colour                      | Grey                                                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>NSYTRAPLOT</b> |
| Accessories                 |                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |
|                             |                                                                               | Sold in lots of                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unit reference    |
| Adaptor plates              | For <b>NSYTRABPV●</b> ; <b>NSYTRAXPV*</b> and <b>NSYTRABCP5</b> marking cards | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>NSYTRABMP1</b> |
|                             | For <b>NSYTRAFBPV●</b> marking cards                                          | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>NSYTRABMP2</b> |
|                             | For <b>ZBY●</b> marking elements <sup>1</sup>                                 | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>NSYTRABMP3</b> |
| Pen, disposable             | 0.25 mm line, black                                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>NSYTRAPEN2</b> |
|                             | 0.35 mm line, black                                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>NSYTRAPEN3</b> |

(1) Can print **ZBY0102**; **ZBY0501** and **ZBY0502** marking elements and all marking sheets: **NSYTRABCV●**; **ZBY4100**; **ZBY001**; **ZBY5100** and **ZBY1101**.

PB602362



#### NSYTRABC●

##### Marking inserts for collars

360 inserts for marking collars, A4 format, perforated 15 x 4 mm inserts

Polyester (Silicone and halogen free)

White, yellow, red or blue

V0

40 ... +100

For all **NSYTRABCV●** marking collars

Slides inside the collar sleeve

Can be printed with any office printer, plotter or pen

PB602201



#### NSYTRABCP5

##### Marking card for collars

Marking card with 50 inserts for marking collars 15 x 4 mm inserts

Polycarbonate

White

V0

-40 ... +120

For all **NSYTRABCV●** marking collars

Slides inside the collar sleeve

Can be printed with plotter or pen

#### Sold in lots of

#### Unit reference

-

-

-

-

-

-

#### Sold in lots of

#### Unit reference

-

-

-

-

-

-

10

**NSYTRABCP1**

-

-

10

**NSYTRABCP2**

-

-

10

**NSYTRABCP3**

-

-

10

**NSYTRABCP4**

-

-

-

-

10

**NSYTRABCP5**

Available  
June 2013

### Presentation

The cable end consists of a tinned copper tube, at the end of which is a moulded, insulating bezel.

The copper tube encases the strands of the flexible conductor and makes it easier to insert it into terminals.

The plastic bezel insulates the conductor from adjacent connections.

In addition, certain models allow marking of the conductors.

### General characteristics

Copper tube tinned by electrolysis according to ISO 1337.

Halogen-free plastic insulating bezel.

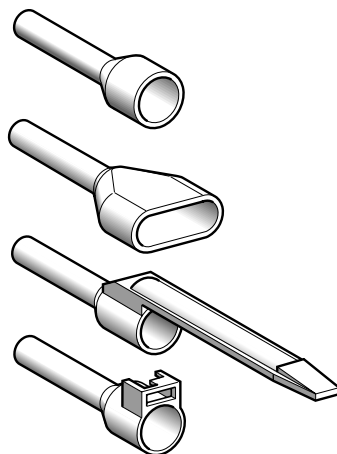
Temperature withstand - 20 °C to 105 °C.

Conforming to standards NFC 63-023 or DIN 46228.

UL and cCSAus certifications for certain products.

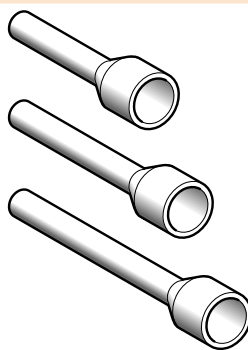
### Presentation of the range

#### 4 types



- Single conductor cable ends with insulating bezel
- Twin conductor cable ends with insulating bezel
- Single conductor cable ends with "markable" insulating bezel
- Single conductor cable ends with insulating bezel for fitting clip-on marker tags

#### 3 lengths



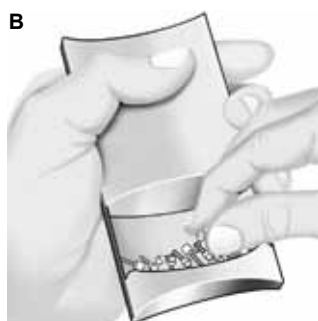
- Short: 11 mm, for printed circuit board type mini-connector
- Medium: 13 mm, for industrial applications, connector or screw clamp
- Long: 16.8 mm, for plug-in and spring terminal block applications

#### 4 types of packaging

- Dispenser pack: c.s.a.  $\geq 2.5 \text{ mm}^2$
- String of 10 detachable bags: c.s.a.  $\leq 4 \text{ mm}^2$
- Individual bag: c.s.a.  $\geq 6 \text{ mm}^2$
- Bag containing 10 strips of 50 cable ends

#### 2 standards

- Products conforming to standard NF C 63-023
- Products conforming to standard DIN 46228 Part 4



### 4 types of packaging

#### 3 types of bulk pack

- **Strings of 10 detachable bags** c.s.a. 0.25 mm<sup>2</sup> to 4 mm<sup>2</sup> inclusive.
- **Individual bags containing 20 or 100 products** c.s.a. 6 mm<sup>2</sup> to 50 mm<sup>2</sup>.
- **Dispenser containing 200, 100 or 50 products**
  - c.s.a. 0.5 to 2.5 mm<sup>2</sup> (single conductor cable ends),
  - c.s.a. 2 x 0.7 to 2 x 2.5 mm<sup>2</sup> (twin conductors cable ends).

The dispensers are supplied in packs. Each pack contains 5 dispensers.

This type of packaging for cable ends improves working conditions through more rational use:

- it facilitates storage by avoiding mixing up cable ends of different cross sectional areas,
- it immediately identifies the c.s.a. of the cable ends it contains because it is the same colour as these cable ends,
- it is designed for controlled dispensing **A** and automatic storage **C**,
- the cable ends can be easily picked up from the dish-shaped receptacle **B**.

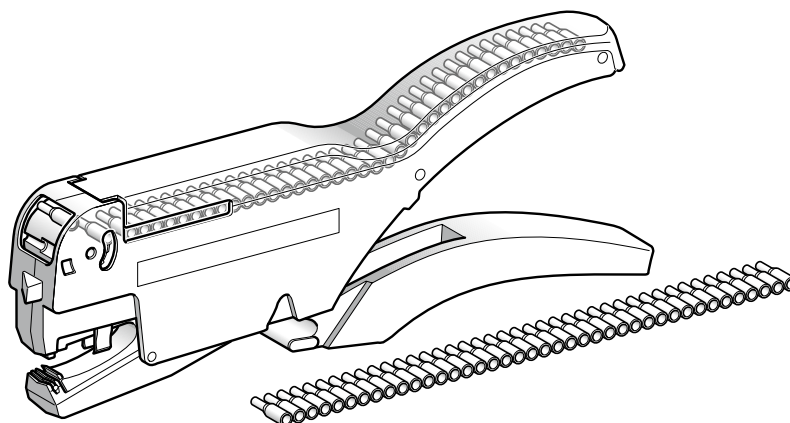
By simply pressing the sides, the dispenser releases the required quantity of cable ends into the receptacle, where they can be picked up, as required. Releasing the pressure on the sides stops the flow of cable ends.

The colour of the dispenser pack corresponds to the colour coding of the Schneider Electric cable ends.

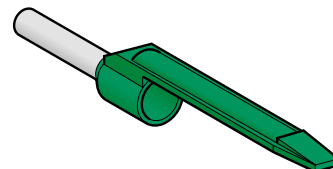
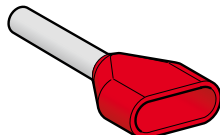
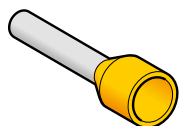
The cable end c.s.a. can therefore be selected visually and instantly.

#### Strips of 50 cable ends, packed in bags of 10 strips

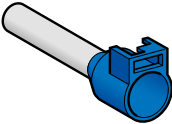
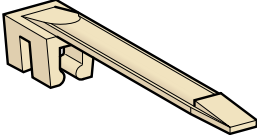
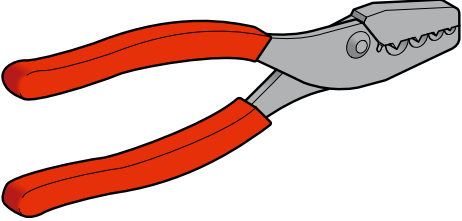
- C.s.a. from 0.5 to 2.5 mm<sup>2</sup>.
- Allows automatic feeding and crimping of cable ends, using crimping tool **AT1TRIF01**.

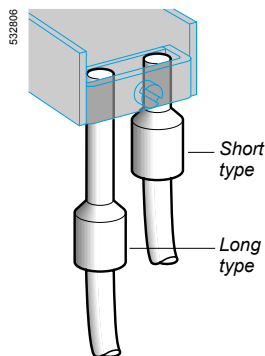


| Product type | Insulated cable ends |
|--------------|----------------------|
|--------------|----------------------|

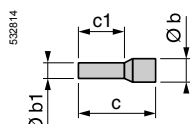


|                        |                                                                                     |           |                           |           |                                      |            |
|------------------------|-------------------------------------------------------------------------------------|-----------|---------------------------|-----------|--------------------------------------|------------|
| Type                   | Single conductor cable ends                                                         |           | Twin conductor cable ends |           | Single conductor markable cable ends |            |
| Conforming to standard | NF C 63-023                                                                         | DIN 46228 | NF C 63-023               | DIN 46228 | NF C 63-023                          | DIN 46228  |
| Length of cable end    | Short-medium-long                                                                   |           | Medium                    |           | Medium                               |            |
| Conductor c.s.a. (mm²) | 0.25 to 6                                                                           | 0.5 to 6  | 2 x 0.75 to 2 x 2.5       |           | 0.25 to 2.5                          | 0.5 to 2.5 |
| Packaging              | Individual bag (6 mm²)<br>Strip of tear-off bags<br>Dispenser pack (0.5 to 2.5 mm²) |           | Dispenser pack            |           | Strip of tear-off bags               |            |
| Type of clip-on marker | -                                                                                   |           |                           |           |                                      |            |
| Tools available        | -                                                                                   |           |                           |           |                                      |            |
| References             | <b>DZ5CE/AZ5CE</b>                                                                  |           | <b>AZ5DE</b>              |           | <b>DZ5CA</b>                         |            |
| See page               | 88                                                                                  | 90        | 88                        | 90        | 89                                   | 91         |

|                                                                                   |                                                                         | Marking accessories for insulated cable ends                                      |                           |                            | Tools                                                                               |                                                                                                                          |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------|----------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|  |                                                                         |  |                           |                            |  |                                                                                                                          |
|                                                                                   | Single conductor cable ends with facility for clip-in marker tag holder | Clip-on marker holder                                                             | Clip-in marker tag holder | Clip-on markers            | For fitting clip-on markers                                                         | For cabling                                                                                                              |
|                                                                                   | NF C63-023    DIN 46228                                                 | -                                                                                 |                           |                            |                                                                                     |                                                                                                                          |
|                                                                                   | Medium-long                                                             | -                                                                                 |                           |                            |                                                                                     |                                                                                                                          |
|                                                                                   | 4 to 50                                                                 | -                                                                                 |                           |                            |                                                                                     |                                                                                                                          |
|                                                                                   | Strip of tear-off bags (4 mm <sup>2</sup> )<br>Individual bag           | -                                                                                 |                           |                            |                                                                                     |                                                                                                                          |
|                                                                                   | -                                                                       |                                                                                   |                           | Letter<br>Number<br>Colour | -                                                                                   |                                                                                                                          |
|                                                                                   | -                                                                       |                                                                                   |                           |                            | Marker holder<br>Tool for quick positioning<br>of markers                           | Automatic wire<br>stripping tool<br>Automatic wire<br>cutting/stripping tool<br>Cable end crimping tools<br>Wire cutters |
|                                                                                   | <b>DZ5CA</b>                                                            | <b>AR1SC0</b>                                                                     | <b>AR1M</b>               | <b>AT1P</b>                | <b>AT1/AT2</b>                                                                      |                                                                                                                          |
|                                                                                   | 89    91                                                                | 91                                                                                | 91                        | 91                         | 92/93                                                                               |                                                                                                                          |



DZ5CE



DZ5CE/AZ5CE

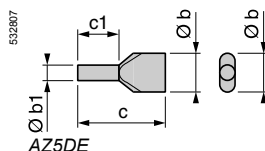
| Single conductor cable ends (Packed in individual bags or “strings” of bags) |     |        |        |            |            |         |          |                    |                           |                   |
|------------------------------------------------------------------------------|-----|--------|--------|------------|------------|---------|----------|--------------------|---------------------------|-------------------|
| Conductor<br>c.s.a.                                                          |     | Colour | Type   | Dimensions |            |         |          | Sold in<br>lots of | Unit<br>reference         | Weight<br>per lot |
| mm²                                                                          | AWG |        |        | Ø b<br>mm  | Ø b1<br>mm | c<br>mm | c1<br>mm |                    |                           |                   |
| 0.25                                                                         | 26  | Yellow | Short  | 2.2        | 1.2        | 11      | 6.2      | 10 x 100           | DZ5CE002L6                | 0.055             |
|                                                                              |     |        | Medium | 2.2        | 1.2        | 13      | 8.2      | 10 x 100           | DZ5CE002                  | 0.060             |
| 0.34                                                                         | 24  | Green  | Short  | 2.2        | 1.2        | 11      | 6.2      | 10 x 100           | DZ5CE003L6                | 0.055             |
|                                                                              |     |        | Medium | 2.2        | 1.2        | 13      | 8.2      | 10 x 100           | DZ5CE003                  | 0.060             |
| 0.5                                                                          | 22  | White  | Short  | 3          | 1.4        | 11      | 6.2      | 10 x 100           | DZ5CE005L6 <sup>(1)</sup> | 0.085             |
|                                                                              |     |        | Medium | 3          | 1.4        | 13      | 8.2      | 10 x 100           | DZ5CE005 <sup>(1)</sup>   | 0.090             |
|                                                                              |     |        | Long   | 3          | 1.4        | 16.8    | 12       | 10 x 100           | DZ5CE005L12               | 0.095             |
| 0.75                                                                         | 20  | Blue   | Short  | 3.1        | 1.6        | 11      | 6.2      | 10 x 100           | DZ5CE007L6 <sup>(1)</sup> | 0.095             |
|                                                                              |     |        | Medium | 3.1        | 1.6        | 13      | 8.2      | 10 x 100           | DZ5CE007 <sup>(1)</sup>   | 0.100             |
| 1                                                                            | 18  | Red    | Short  | 3.4        | 1.8        | 11.5    | 6.2      | 10 x 100           | DZ5CE010L6 <sup>(1)</sup> | 0.095             |
|                                                                              |     |        | Medium | 3.4        | 1.8        | 13.5    | 8.2      | 10 x 100           | DZ5CE010 <sup>(1)</sup>   | 0.100             |
|                                                                              |     |        | Long   | 3.4        | 1.8        | 16.8    | 12       | 10 x 100           | DZ5CE010L12               | 0.150             |
| 1.5                                                                          | 16  | Black  | Short  | 4          | 2.1        | 11.5    | 6.2      | 10 x 100           | DZ5CE015L6 <sup>(1)</sup> | 0.110             |
|                                                                              |     |        | Medium | 4          | 2.1        | 13.5    | 8.2      | 10 x 100           | DZ5CE015 <sup>(1)</sup>   | 0.120             |
|                                                                              |     |        | Long   | 4          | 2.1        | 22.8    | 17.7     | 10 x 100           | DZ5CE0153 <sup>(1)</sup>  | 0.215             |
| 2                                                                            | 14  | Yellow | Medium | 4.2        | 2.35       | 14.5    | 8.2      | 10 x 100           | DZ5CE020                  | 0.135             |
| 2.5                                                                          | 14  | Grey   | Medium | 4.6        | 2.7        | 14.5    | 8.2      | 10 x 100           | DZ5CE025 <sup>(1)</sup>   | 0.150             |
|                                                                              |     |        | Long   | 4.6        | 2.7        | 24      | 17.7     | 10 x 100           | DZ5CE0253 <sup>(1)</sup>  | 0.254             |
| 4                                                                            | 12  | Orange | Medium | 5.5        | 3.3        | 17.3    | 9.8      | 10 x 100           | DZ5CE042 <sup>(1)</sup>   | 0.300             |
|                                                                              |     |        | Long   | 5.5        | 3.3        | 25.5    | 17.5     | 10 x 100           | DZ5CE043 <sup>(1)</sup>   | 0.455             |
| 6                                                                            | 10  | Green  | Medium | 7          | 3.95       | 20      | 11.5     | 1 x 100            | DZ5CE062                  | 0.045             |
|                                                                              |     |        | Long   | 7          | 3.95       | 26      | 17.5     | 1 x 100            | DZ5CE063                  | 0.065             |

#### Single conductor cable ends (In dispenser pack)

|      |    |       |        |     |     |      |     |         |              |       |
|------|----|-------|--------|-----|-----|------|-----|---------|--------------|-------|
| 0.5  | 22 | White | Medium | 3   | 1.4 | 13   | 8.2 | 5 x 200 | AZ5CE005 (1) | 0.140 |
| 0.75 | 20 | Blue  | Medium | 3.1 | 1.6 | 13   | 8.2 | 5 x 200 | AZ5CE007 (1) | 0.150 |
| 1    | 18 | Red   | Medium | 3.4 | 1.8 | 13.5 | 8.2 | 5 x 200 | AZ5CE010 (1) | 0.165 |
| 1.5  | 16 | Black | Medium | 4   | 2.1 | 13.5 | 8.2 | 5 x 200 | AZ5CE015 (1) | 0.180 |
| 2.5  | 14 | Grey  | Medium | 4.6 | 2.7 | 14.5 | 8.2 | 5 x 100 | AZ5CE025 (1) | 0.160 |

#### Single conductor cable ends (Strips of 50, packed in bag)

|      |    |       |        |     |     |    |   |         |           |       |
|------|----|-------|--------|-----|-----|----|---|---------|-----------|-------|
| 0.5  | 22 | White | Medium | 3.1 | 1.3 | 14 | 8 | 10 x 50 | DZ5CEB005 | 0.380 |
| 0.75 | 20 | Blue  | Medium | 3.3 | 1.5 | 14 | 8 | 10 x 50 | DZ5CEB007 | 0.470 |
| 1    | 18 | Red   | Medium | 3.5 | 1.7 | 14 | 8 | 10 x 50 | DZ5CEB010 | 0.500 |
| 1.5  | 16 | Black | Medium | 4   | 2   | 14 | 8 | 10 x 50 | DZ5CEB015 | 0.570 |
| 2.5  | 14 | Grey  | Medium | 4.7 | 2.5 | 14 | 8 | 10 x 50 | DZ5CEB025 | 0.720 |



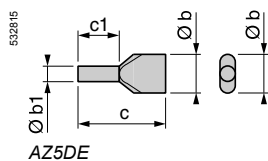
AZ5DE

| Twin conductor cable ends (In dispenser pack) |     |        |        |            |            |         |          |                    |                   |                   |
|-----------------------------------------------|-----|--------|--------|------------|------------|---------|----------|--------------------|-------------------|-------------------|
| Conductor<br>c.s.a.                           |     | Colour | Type   | Dimensions |            |         |          | Sold in<br>lots of | Unit<br>reference | Weight<br>per lot |
| mm²                                           | AWG |        |        | Ø b<br>mm  | Ø b1<br>mm | c<br>mm | c1<br>mm |                    |                   | kg                |
| 2 x 0.75                                      | 20  | Blue   | Medium | 2.8 x 5    | 2          | 15      | 8        | 5 x 100            | AZ5DE007 (2)      | 0.130             |
| 2 x 1                                         | 18  | Red    | Medium | 3.4 x 5.4  | 2.25       | 15      | 8        | 5 x 100            | AZ5DE010 (2)      | 0.140             |
| 2 x 1.5                                       | 16  | Black  | Medium | 3.6 x 6.6  | 2.5        | 15      | 8        | 5 x 100            | AZ5DE015 (2)      | 0.155             |
| 2 x 2.5                                       | 14  | Grey   | Medium | 4.2 x 7.8  | 3.2        | 18.5    | 10       | 5 x 50             | AZ5DE025 (2)      | 0.145             |

(1) UL certified products.

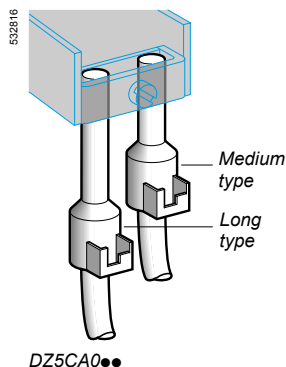
(2) cCSAus certified products.





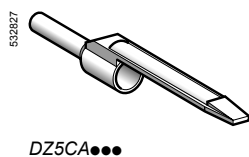
## Twin conductor cable ends (Economy packaging, in 1 plastic bag)

| Conductor c.s.a. |     | Colour | Type   | Dimensions |         |      |       | Sold in lots of | Unit reference | Weight per lot |
|------------------|-----|--------|--------|------------|---------|------|-------|-----------------|----------------|----------------|
| mm <sup>2</sup>  | AWG |        |        | Ø b mm     | Ø b1 mm | c mm | c1 mm |                 |                |                |
| 2 x 0.5          | 22  | White  | Medium | 2.5 x 4.7  | 1.7     | 18.5 | 8     | 1 x 1000        | AZ5DE005 (2)   | 0.110          |
| 2 x 0.75         | 20  | Blue   | Medium | 2.8 x 5    | 1.8     | 15   | 8     | 1 x 1000        | AZ5DE0071 (2)  | 0.120          |
| 2 x 1            | 18  | Red    | Medium | 3.4 x 5.4  | 2.05    | 15   | 8     | 1 x 1000        | AZ5DE0101 (2)  | 0.130          |
| 2 x 1.5          | 16  | Black  | Medium | 3.6 x 6.6  | 2.3     | 15   | 8     | 1 x 1000        | AZ5DE0151 (2)  | 0.145          |
| 2 x 2.5          | 14  | Grey   | Medium | 4.2 x 7.8  | 2.9     | 18.5 | 10    | 1 x 500         | AZ5DE0255 (2)  | 0.090          |



## Single conductor markable cable ends (Packed in "strings" of bags)

| Conductor c.s.a. |     | Colour | Type   | Dimensions |         |      |       | Sold in lots of | Unit reference | Weight per lot |
|------------------|-----|--------|--------|------------|---------|------|-------|-----------------|----------------|----------------|
| mm <sup>2</sup>  | AWG |        |        | Ø b mm     | Ø b1 mm | c mm | c1 mm |                 |                |                |
| 0.25             | 26  | Yellow | Medium | 2.2        | 1.2     | 13   | —     | 10 x 100        | DZ5CA002       | 0.140          |
| 0.34             | 24  | Green  | Medium | 2.2        | 1.2     | 13   | —     | 10 x 100        | DZ5CA003       | 0.140          |
| 0.5              | 22  | White  | Medium | 3          | 1.4     | 13   | —     | 10 x 100        | DZ5CA005 (1)   | 0.160          |
| 0.75             | 20  | Blue   | Medium | 3.1        | 1.6     | 13   | —     | 10 x 100        | DZ5CA007 (1)   | 0.160          |
| 1                | 18  | Red    | Medium | 3.4        | 1.8     | 13.5 | —     | 10 x 100        | DZ5CA010 (1)   | 0.160          |
| 1.5              | 16  | Black  | Medium | 4          | 2.1     | 13.5 | —     | 10 x 100        | DZ5CA015 (1)   | 0.180          |
| 2.5              | 14  | Grey   | Medium | 4.6        | 2.7     | 14.5 | —     | 10 x 100        | DZ5CA025 (1)   | 0.250          |

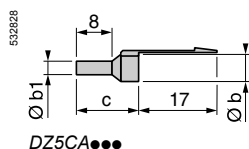


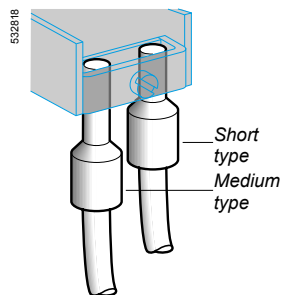
## Single conductor cable ends with facility for clip-in marker tag holder

| Conductor c.s.a. |     | Colour | Type   | Dimensions |         |      |       | Sold in lots of | Unit reference | Weight per lot |
|------------------|-----|--------|--------|------------|---------|------|-------|-----------------|----------------|----------------|
| mm <sup>2</sup>  | AWG |        |        | Ø b mm     | Ø b1 mm | c mm | c1 mm |                 |                |                |
| 4                | 12  | Orange | Medium | 5.5        | 3.3     | 19.5 | 11.5  | 10 x 100        | DZ5CA042 (1)   | 0.300          |
|                  |     |        | Long   | 5.5        | 3.3     | 25.5 | 17.5  | 10 x 100        | DZ5CA043 (1)   | 0.460          |
| 6                | 10  | Green  | Medium | 7          | 3.95    | 20   | 11.5  | 1 x 100         | DZ5CA062       | 0.045          |
|                  |     |        | Long   | 7          | 3.95    | 26   | 17.5  | 1 x 100         | DZ5CA063       | 0.065          |
| 10               | 8   | Brown  | Medium | 8.4        | 4.95    | 21.5 | 12    | 1 x 100         | DZ5CA102       | 0.057          |
|                  |     |        | Long   | 8.4        | 4.95    | 27   | 17.5  | 1 x 100         | DZ5CA103       | 0.085          |
| 16               | 6   | White  | Medium | 8.8        | 6.35    | 23.5 | 12    | 1 x 100         | DZ5CA162       | 0.078          |
|                  |     |        | Long   | 8.8        | 6.35    | 29   | 17.5  | 1 x 100         | DZ5CA163       | 0.100          |
| 25               | 4   | Black  | Medium | 12         | 8.15    | 30   | 17.5  | 1 x 100         | DZ5CA253       | 0.156          |
| 35               | 2   | Red    | Medium | 13.5       | 9       | 30   | 16    | 1 x 20          | DZ5CA352       | 0.054          |
|                  |     |        | Long   | 13.5       | 9       | 39   | 25    | 1 x 20          | DZ5CA353       | 0.060          |
| 50               | 0   | Blue   | Medium | 15.7       | 11      | 36   | 20    | 1 x 20          | DZ5CA502       | 0.060          |
|                  |     |        | Long   | 15.7       | 11      | 41   | 25    | 1 x 20          | DZ5CA503       | 0.074          |

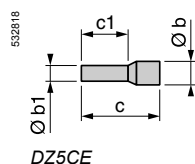
(1) UL certified products.

(2) cCSAus certified products.

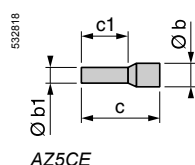




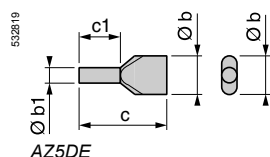
| Single conductor cable ends (Packed in individual bags or “strings” of bags) |     |        |        |            |            |         |          |                    |                   |                   |  |
|------------------------------------------------------------------------------|-----|--------|--------|------------|------------|---------|----------|--------------------|-------------------|-------------------|--|
| Conductor<br>c.s.a.                                                          |     | Colour | Type   | Dimensions |            |         |          | Sold in<br>lots of | Unit<br>reference | Weight<br>per lot |  |
| mm²                                                                          | AWG |        |        | Ø b<br>mm  | Ø b1<br>mm | c<br>mm | c1<br>mm |                    |                   | kg                |  |
| 0.5                                                                          | 22  | White  | Short  | 3          | 1.4        | 11      | 6.2      | 10 x 100           | DZ5CE005L6D (1)   | 0.085             |  |
|                                                                              |     |        | Medium | 3          | 1.4        | 13      | 8.2      | 10 x 100           | DZ5CE005D (1)     | 0.090             |  |
|                                                                              |     |        | Long   | 3          | 1.4        | 16.8    | 12       | 10 x 100           | DZ5CE005L12D      | 0.095             |  |
| 0.75                                                                         | 20  | Grey   | Short  | 3.1        | 1.6        | 11      | 6.2      | 10 x 100           | DZ5CE007L6D (1)   | 0.095             |  |
|                                                                              |     |        | Medium | 3.1        | 1.6        | 13      | 8.2      | 10 x 100           | DZ5CE007D (1)     | 0.100             |  |
| 1                                                                            | 18  | Red    | Short  | 3.4        | 1.8        | 11.5    | 6.2      | 10 x 100           | DZ5CE010L6D (1)   | 0.095             |  |
|                                                                              |     |        | Medium | 3.4        | 1.8        | 13.5    | 8.2      | 10 x 100           | DZ5CE010D (1)     | 0.100             |  |
|                                                                              |     |        | Long   | 3.4        | 1.8        | 16.8    | 12       | 10 x 100           | DZ5CE010L12D      | 0.150             |  |
| 1.5                                                                          | 16  | Black  | Short  | 4          | 2.1        | 11.5    | 6.2      | 10 x 100           | DZ5CE015L6D (1)   | 0.110             |  |
|                                                                              |     |        | Medium | 4          | 2.1        | 13.5    | 8.2      | 10 x 100           | DZ5CE015D (1)     | 0.120             |  |
|                                                                              |     |        | Long   | 4          | 2.1        | 22.8    | 17.7     | 10 x 100           | DZ5CE0153D (1)    | 0.215             |  |
| 2.5                                                                          | 14  | Blue   | Medium | 4.6        | 2.7        | 14.5    | 8.2      | 10 x 100           | DZ5CE025D (1)     | 0.150             |  |
|                                                                              |     |        | Long   | 4.6        | 2.7        | 24      | 17.7     | 10 x 100           | DZ5CE0253D (1)    | 0.254             |  |
| 4                                                                            | 12  | Grey   | Medium | 5.5        | 3.3        | 17.3    | 9.8      | 10 x 100           | DZ5CE042D (1)     | 0.300             |  |
|                                                                              |     |        | Long   | 5.5        | 3.3        | 25.5    | 17.5     | 10 x 100           | DZ5CE043D (1)     | 0.455             |  |
| 6                                                                            | 10  | Yellow | Medium | 7          | 3.95       | 20      | 11.5     | 1 x 100            | DZ5CE062D         | 0.045             |  |
|                                                                              |     |        | Long   | 7          | 3.95       | 26      | 17.5     | 1 x 100            | DZ5CE063D         | 0.065             |  |



| Single conductor cable ends (In dispenser pack) |    |       |        |     |     |      |     |         |               |       |
|-------------------------------------------------|----|-------|--------|-----|-----|------|-----|---------|---------------|-------|
| 0.5                                             | 22 | White | Medium | 3   | 1.4 | 13   | 8.2 | 5 x 200 | AZ5CE005D (1) | 0.140 |
| 0.75                                            | 20 | Grey  | Medium | 3.1 | 1.6 | 13   | 8.2 | 5 x 200 | AZ5CE007D (1) | 0.150 |
| 1                                               | 18 | Red   | Medium | 3.4 | 1.8 | 13.5 | 8.2 | 5 x 200 | AZ5CE010D (1) | 0.165 |
| 1.5                                             | 16 | Black | Medium | 4   | 2.1 | 13.5 | 8.2 | 5 x 200 | AZ5CE015D (1) | 0.180 |
| 2.5                                             | 14 | Blue  | Medium | 4.6 | 2.7 | 14.5 | 8.2 | 5 x 100 | AZ5CE025D (1) | 0.160 |

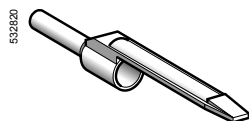


| Single conductor cable ends (Strips of 50, packed in bag) |    |       |        |     |     |    |   |         |            |       |
|-----------------------------------------------------------|----|-------|--------|-----|-----|----|---|---------|------------|-------|
| 0.5                                                       | 22 | White | Medium | 3.1 | 1.3 | 14 | 8 | 10 x 50 | DZ5CEB005D | 0.380 |
| 0.75                                                      | 20 | Grey  | Medium | 3.3 | 1.5 | 14 | 8 | 10 x 50 | DZ5CEB007D | 0.470 |
| 1                                                         | 18 | Red   | Medium | 3.5 | 1.7 | 14 | 8 | 10 x 50 | DZ5CEB010D | 0.500 |
| 1.5                                                       | 16 | Black | Medium | 4   | 2   | 14 | 8 | 10 x 50 | DZ5CEB015D | 0.570 |
| 2.5                                                       | 14 | Blue  | Medium | 4.7 | 2.5 | 14 | 8 | 10 x 50 | DZ5CEB025D | 0.720 |

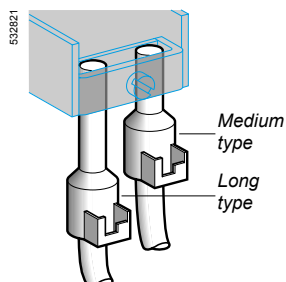


| Twin conductor cable ends (In dispenser pack) |    |       |        |           |      |      |    |         |               |       |
|-----------------------------------------------|----|-------|--------|-----------|------|------|----|---------|---------------|-------|
| 2 x 0.75                                      | 20 | Grey  | Medium | 2.8 x 5   | 2    | 15   | 8  | 5 x 100 | AZ5DE007D (2) | 0.130 |
| 2 x 1                                         | 18 | Red   | Medium | 3.4 x 5.4 | 2.25 | 15   | 8  | 5 x 100 | AZ5DE010D (2) | 0.140 |
| 2 x 1.5                                       | 16 | Black | Medium | 3.6 x 6.6 | 2.5  | 15   | 8  | 5 x 100 | AZ5DE015D (2) | 0.155 |
| 2 x 2.5                                       | 14 | Blue  | Medium | 4.2 x 7.8 | 3.2  | 18.5 | 10 | 5 x 50  | AZ5DE025D (2) | 0.145 |

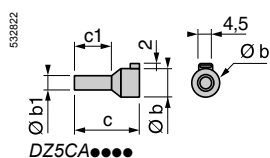
(1) UL certified products.  
(2) cCSAus certified products.



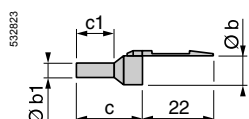
DZ5CA0●●



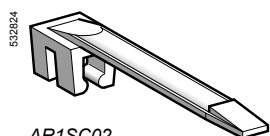
DZ5CA●●●●



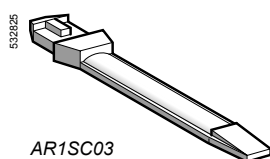
DZ5CA●●●●



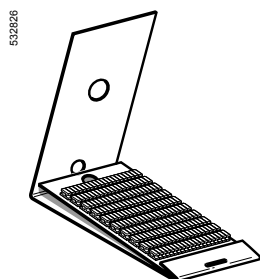
DZ5CA●●●●  
(with clip-in marker tag holder)



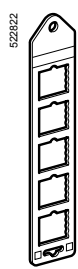
AR1SC02



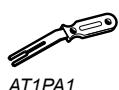
AR1SC03



AR1M●01. AR1MC01●



AT1PS1



AT1PA1

## Single conductor markable cable ends (Packed in "strings" of bags)

| Conductor<br>c.s.a. | Colour | Type   | Dimensions |            |         |          | Sold in<br>lots of | Unit<br>reference | Weight<br>per lot |
|---------------------|--------|--------|------------|------------|---------|----------|--------------------|-------------------|-------------------|
|                     |        |        | Ø b<br>mm  | Ø b1<br>mm | c<br>mm | c1<br>mm |                    |                   |                   |
| 0.5                 | White  | Medium | 3          | 1.4        | 13      | —        | 10 x 100           | DZ5CA005D (1)     | 0.160             |
| 0.75                | Grey   | Medium | 3.1        | 1.6        | 13      | —        | 10 x 100           | DZ5CA007D (1)     | 0.160             |
| 1                   | Red    | Medium | 3.4        | 1.8        | 13.5    | —        | 10 x 100           | DZ5CA010D (1)     | 0.160             |
| 1.5                 | Black  | Medium | 4          | 2.1        | 13.5    | —        | 10 x 100           | DZ5CA015D (1)     | 0.180             |
| 2.5                 | Blue   | Medium | 4.6        | 2.7        | 14.5    | —        | 10 x 100           | DZ5CA025D (1)     | 0.250             |

## Single conductor cable ends with facility for clip-in marker tag holder (DIN 46228)

|    |    |        |        |      |      |      |      |          |               |       |
|----|----|--------|--------|------|------|------|------|----------|---------------|-------|
| 4  | 12 | Orange | Medium | 5.5  | 3.3  | 19.5 | 11.5 | 10 x 100 | DZ5CA042D (1) | 0.300 |
| 6  | 10 | Green  | Medium | 7    | 3.95 | 20   | 11.5 | 1 x 100  | DZ5CA062D     | 0.045 |
| 10 | 8  | Red    | Medium | 8.4  | 4.95 | 21.5 | 12   | 1 x 100  | DZ5CA102D     | 0.060 |
|    |    |        | Long   | 8.4  | 4.95 | 27   | 17.5 | 1 x 100  | DZ5CA103D     | 0.090 |
| 16 | 6  | Blue   | Medium | 9.8  | 6.35 | 23.5 | 12   | 1 x 100  | DZ5CA162D     | 0.080 |
|    |    |        | Long   | 9.8  | 6.35 | 29   | 17.5 | 1 x 100  | DZ5CA163D     | 0.100 |
| 25 | 4  | Yellow | Long   | 12   | 8.15 | 30   | 17.5 | 1 x 100  | DZ5CA253D     | 0.156 |
| 35 | 2  | Red    | Medium | 13.5 | 9    | 30   | 16   | 1 x 20   | DZ5CA352D     | 0.054 |
|    |    |        | Long   | 13.5 | 9    | 39   | 25   | 1 x 20   | DZ5CA353D     | 0.060 |
| 50 | 0  | Blue   | Medium | 15.7 | 11   | 36   | 20   | 1 x 20   | DZ5CA502D     | 0.060 |
|    |    |        | Long   | 15.7 | 11   | 41   | 25   | 1 x 20   | DZ5CA503D     | 0.072 |

## Marking accessories for insulated, markable cable ends

| Description                                                                  |         | Sold in lots of | Unit reference | Weight per lot kg |
|------------------------------------------------------------------------------|---------|-----------------|----------------|-------------------|
| Clip-on marker tag (2)<br>(for cables 1 to 1.5 mm²)                          |         | 100             | AR1SC02        | 0.100             |
| Clip-in marker tag holder (2)<br>(for single conductor cable ends DZ5CA●●●●) |         | 100             | AR1SC03        | 0.100             |
| Markers<br>conforming to NF C 93-011 colour coding                           |         | 200             | AR1MC01● (3)   | 0.010             |
| Wallets of 200 markers<br>for DZ5CA cable ends or clip-on marker tags (4)    | Letters | 1 lot           | AR1MB01 (5)    | 0.310             |
|                                                                              |         | 1 card          | AR1MB01● (6)   | 0.010             |
|                                                                              | Numbers | 1 lot           | AR1MA01 (7)    | 0.150             |
|                                                                              |         | 1 card          | AR1MA01● (8)   | 0.010             |

## Accessories for fitting markers

| Description                                       | Application                                                                          | Reference | Weight<br>kg |
|---------------------------------------------------|--------------------------------------------------------------------------------------|-----------|--------------|
| Marker holder                                     | Comprises 10 empty compartments which can each hold 100 AR1 MA01 or AR1 MB01 markers | AT1PS1    | 0.300        |
| Tool for quick positioning of<br>AR1 M●01 markers | On cable end tags                                                                    | AT1PA1    | 0.010        |

(1) UL certified products.

(2) For rapid clip-on mounting of up to 7 markers AR1M●●●.

(3) Complete the reference by adding the number indicating the colour required:

| Number        | 1     | 2     | 3      | 4      | 5     | 6     | 7      | 8     | 9     | 0     |
|---------------|-------|-------|--------|--------|-------|-------|--------|-------|-------|-------|
| Marker colour | Brown | Red   | Orange | Yellow | Green | Blue  | Violet | Grey  | White | Black |
| Number colour | White | Black | Black  | Black  | Black | Black | Black  | Black | Black | White |

(4) Each lot also comprises 400 earth markers (200 green and 200 yellow), 200 + symbols, 200 – symbols and 1 marker positioning tool.

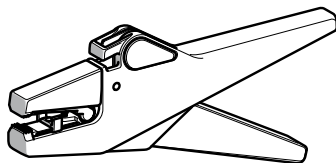
(5) A to Z (200 of each).

(6) Complete the reference by replacing the dot with the required letter. Each lot includes a card of 200 yellow markers with black letters.

(7) 0 to 9 (200 of each).

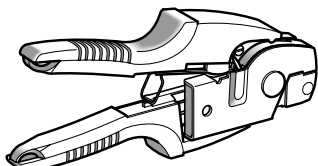
(8) Complete the reference by replacing the dot with the required number. Each lot includes a card of 200 yellow markers with black numbers.

815965



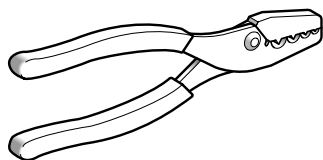
AT1PA7

815964



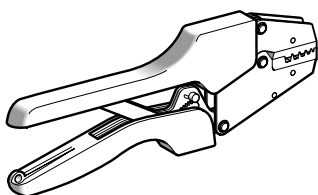
AT2PE1

815963



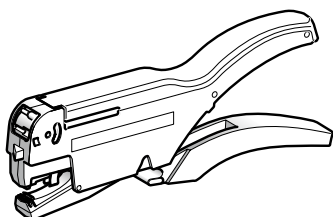
AT1PA2

815966



AT2PA5

532832



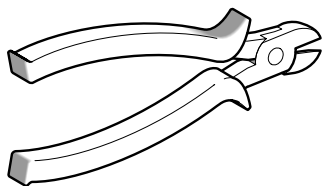
AT2TRIF01

## Cabling accessories

| Description                                                                                                                 | Application                                                                                                                                    | References       | Weight kg |
|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------|
| <b>Automatic wire stripping tool</b>                                                                                        | Strips cable from 0.08 to 4 mm <sup>2</sup> and cuts conductors from 0.08 to 6 mm <sup>2</sup> . Adjustable stripping and cutting length.      | <b>AT1PA7</b>    | 0.165     |
| <b>Automatic wire cutting/stripping tool</b>                                                                                | Cuts and strips in a single operation; automatically adapts to conductors from 0.4 to 4 mm <sup>2</sup> , without any adjustment or selection. | <b>AT2PE1</b>    | 0.340     |
| <b>Cable end crimping tools (1)</b>                                                                                         | For cables from 0.5 to 16 mm <sup>2</sup>                                                                                                      | <b>AT1PA2</b>    | 0.210     |
|                                                                                                                             | For cables from 10 to 35 mm <sup>2</sup>                                                                                                       | <b>AT1PA4</b>    | 0.210     |
| <b>Ratchet type crimping tools for cable ends (1)</b>                                                                       | For cables from 0.25 to 6 mm <sup>2</sup>                                                                                                      | <b>AT2PA5</b>    | 0.520     |
|                                                                                                                             | For cables from 10 to 35 mm <sup>2</sup>                                                                                                       | <b>AT2PA6</b>    | 0.520     |
| <b>Cable cutting/stripping and cable end feeding/crimping tool (1)<br/>(for use with cable ends packed in strips of 50)</b> | For cables from 0.5 to 2.5 mm <sup>2</sup>                                                                                                     | <b>AT2TRIF01</b> | 0.164     |

(1) Cable ends: see pages 88 to 91.

815968



AT2PB1

| Cabling accessories (continued) |                                             |           |        |
|---------------------------------|---------------------------------------------|-----------|--------|
| Description                     | Cutting diameter for copper/aluminium wires | Reference | Weight |
|                                 | mm                                          |           | kg     |
| Cutting pliers                  | 3.5                                         | AT2PB1    | 0.200  |

522921



AT1HB2

| Accessory        |                                                                                                      |           |           |
|------------------|------------------------------------------------------------------------------------------------------|-----------|-----------|
| Description      | Application                                                                                          | Reference | Weight kg |
| Storage case (1) | Comprises :<br>- 13 compartments for cable ends<br>- 1 compartment for cutting/stripping tool AT1PA7 | AT1HB2    | 0.480     |

(1) Cable ends: see pages 88 to 91.





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| <b>AB...</b>      |         | <b>AZ5DE010D</b> | 90      | <b>DZ5CA352D</b>    | 91      | <b>DZ5CEB015</b>   | 88                  |
| <b>AB1A2</b>      | 38      | <b>AZ5DE015</b>  | 88      | <b>DZ5CA353</b>     | 89      | <b>DZ5CEB015D</b>  | 90                  |
| <b>AB1AB7P32</b>  | 40      | <b>AZ5DE015D</b> | 90      | <b>DZ5CA353D</b>    | 91      | <b>DZ5CEB025</b>   | 88                  |
| <b>AB1AB8M35</b>  | 40      | <b>AZ5DE025</b>  | 88      | <b>DZ5CA502</b>     | 89      | <b>DZ5CEB025D</b>  | 90                  |
| <b>AB1AB8P35</b>  | 40      | <b>AZ5DE025D</b> | 90      | <b>DZ5CA502D</b>    | 91      | <b>NSYB...</b>     |                     |
| <b>AB1AB8R35</b>  | 40      | <b>AZ5DE0071</b> | 89      | <b>DZ5CA503</b>     | 89      | <b>NSYBPCB516</b>  | 34                  |
| <b>AB1AB10M32</b> | 40      | <b>AZ5DE0101</b> | 89      | <b>DZ5CA503D</b>    | 91      | <b>NSYD...</b>     |                     |
| <b>AB1AT1</b>     | 38      | <b>AZ5DE0151</b> | 89      | <b>DZ5CE002</b>     | 88      | <b>NSYSDR200BD</b> | 20-34, 48-59, 66-77 |
| <b>AB1AT2</b>     | 39      | <b>AZ5DE0255</b> | 89      | <b>DZ5CE002L6</b>   | 88      | <b>NSYT...</b>     |                     |
| <b>AB3RV162U</b>  | 40      | <b>DB...</b>     |         | <b>DZ5CE003</b>     | 88      | <b>NSYTRAAB15</b>  | 36, 37, 60          |
| <b>AK...</b>      |         | <b>DB6CD02</b>   | 38      | <b>DZ5CE003L6</b>   | 88      | <b>NSYTRAAB35</b>  | 20-34, 48-59, 66-77 |
| <b>AK2BA162U</b>  | 41      | <b>DB6CD19</b>   | 38      | <b>DZ5CE005</b>     | 88      | <b>NSYTRAABV35</b> | 20-34, 48-59, 66-77 |
| <b>AR...</b>      |         | <b>DB6CD102</b>  | 19, 38  | <b>DZ5CE005D</b>    | 90      | <b>NSYTRAATM1</b>  | 20-34, 48-59, 66-77 |
| <b>AR1M</b>       | 87      | <b>DB6CD105</b>  | 19, 38  | <b>DZ5CE005L6</b>   | 88      | <b>NSYTRAATP1</b>  | 20-34, 48-59, 66-77 |
| <b>AR1MA01</b>    | 91      | <b>DB6CD110</b>  | 19, 39  | <b>DZ5CE005L6D</b>  | 90      | <b>NSYTRAB5</b>    | 80                  |
| <b>AR1MA01●</b>   | 91      | <b>DB6DD102</b>  | 19, 39  | <b>DZ5CE005L12</b>  | 88      | <b>NSYTRAB5L1N</b> | 80                  |
| <b>AR1MB01</b>    | 91      | <b>DB6DD103</b>  | 19, 39  | <b>DZ5CE005L12D</b> | 90      | <b>NSYTRAB6</b>    | 80                  |
| <b>AR1MB01●</b>   | 91      | <b>DB6ED01</b>   | 19, 39  | <b>DZ5CE007</b>     | 88      | <b>NSYTRAB6L1N</b> | 80                  |
| <b>AR1MC01●</b>   | 91      | <b>DB6ED04</b>   | 39      | <b>DZ5CE007D</b>    | 90      | <b>NSYTRAB8</b>    | 80                  |
| <b>AR1SC0</b>     | 87      | <b>DB6ED09</b>   | 39      | <b>DZ5CE007L6</b>   | 88      | <b>NSYTRAB10</b>   | 81                  |
| <b>AR1SC02</b>    | 91      | <b>DB6FD01</b>   | 19, 39  | <b>DZ5CE007L6D</b>  | 90      | <b>NSYTRAB510</b>  | 80                  |
| <b>AR1SC03</b>    | 91      | <b>DB6FD09</b>   | 39      | <b>DZ5CE010</b>     | 88      | <b>NSYTRAB520</b>  | 80                  |
| <b>AT...</b>      |         | <b>DZ...</b>     |         | <b>DZ5CE010D</b>    | 90      | <b>NSYTRAB530</b>  | 80                  |
| <b>AT1/AT2</b>    | 87      | <b>DZ5CA</b>     | 86      | <b>DZ5CE010L6</b>   | 88      | <b>NSYTRAB540</b>  | 80                  |
| <b>AT1HB2</b>     | 93      | <b>DZ5CA002</b>  | 89      | <b>DZ5CE010L6D</b>  | 90      | <b>NSYTRAB550</b>  | 80                  |
| <b>AT1P</b>       | 87      | <b>DZ5CA003</b>  | 89      | <b>DZ5CE010L12</b>  | 88      | <b>NSYTRAB560</b>  | 80                  |
| <b>AT1PA1</b>     | 91      | <b>DZ5CA005</b>  | 89      | <b>DZ5CE010L12D</b> | 90      | <b>NSYTRAB570</b>  | 80                  |
| <b>AT1PA2</b>     | 92      | <b>DZ5CA005D</b> | 91      | <b>DZ5CE015</b>     | 88      | <b>NSYTRAB580</b>  | 80                  |
| <b>AT1PA4</b>     | 92      | <b>DZ5CA007</b>  | 89      | <b>DZ5CE015D</b>    | 90      | <b>NSYTRAB590</b>  | 80                  |
| <b>AT1PA7</b>     | 92      | <b>DZ5CA007D</b> | 91      | <b>DZ5CE015L6</b>   | 88      | <b>NSYTRAB610</b>  | 80                  |
| <b>AT1PS1</b>     | 91      | <b>DZ5CA010</b>  | 89      | <b>DZ5CE015L6D</b>  | 90      | <b>NSYTRAB620</b>  | 80                  |
| <b>AT2PA5</b>     | 92      | <b>DZ5CA010D</b> | 91      | <b>DZ5CE020</b>     | 88      | <b>NSYTRAB630</b>  | 80                  |
| <b>AT2PA6</b>     | 92      | <b>DZ5CA015</b>  | 89      | <b>DZ5CE025</b>     | 88      | <b>NSYTRAB640</b>  | 80                  |
| <b>AT2PB1</b>     | 93      | <b>DZ5CA015D</b> | 91      | <b>DZ5CE025D</b>    | 90      | <b>NSYTRAB650</b>  | 80                  |
| <b>AT2PE1</b>     | 92      | <b>DZ5CA025</b>  | 89      | <b>DZ5CE042</b>     | 88      | <b>NSYTRAB660</b>  | 80                  |
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| <b>AZ...</b>      |         | <b>DZ5CA042</b>  | 89      | <b>DZ5CE043</b>     | 88      | <b>NSYTRAB680</b>  | 80                  |
| <b>AZ5CE</b>      | 86      | <b>DZ5CA042D</b> | 91      | <b>DZ5CE043D</b>    | 90      | <b>NSYTRAB690</b>  | 80                  |
| <b>AZ5CE005</b>   | 88      | <b>DZ5CA043</b>  | 89      | <b>DZ5CE062</b>     | 88      | <b>NSYTRAB810</b>  | 80                  |
| <b>AZ5CE005D</b>  | 90      | <b>DZ5CA062</b>  | 89      | <b>DZ5CE062D</b>    | 90      | <b>NSYTRAB820</b>  | 80                  |
| <b>AZ5CE007</b>   | 88      | <b>DZ5CA062D</b> | 91      | <b>DZ5CE063</b>     | 88      | <b>NSYTRAB830</b>  | 80                  |
| <b>AZ5CE007D</b>  | 90      | <b>DZ5CA063</b>  | 89      | <b>DZ5CE063D</b>    | 90      | <b>NSYTRAB840</b>  | 80                  |
| <b>AZ5CE010</b>   | 88      | <b>DZ5CA102</b>  | 89      | <b>DZ5CE0153</b>    | 88      | <b>NSYTRAB850</b>  | 80                  |
| <b>AZ5CE010D</b>  | 90      | <b>DZ5CA102D</b> | 91      | <b>DZ5CE0253</b>    | 88      | <b>NSYTRAB860</b>  | 80                  |
| <b>AZ5CE015</b>   | 88      | <b>DZ5CA103</b>  | 89      | <b>DZ5CE0253D</b>   | 90      | <b>NSYTRAB870</b>  | 80                  |
| <b>AZ5CE015D</b>  | 90      | <b>DZ5CA103D</b> | 91      | <b>DZ5CE</b>        | 86      | <b>NSYTRAB880</b>  | 80                  |
| <b>AZ5CE025</b>   | 88      | <b>DZ5CA162</b>  | 89      | <b>DZ5CEB005</b>    | 88      | <b>NSYTRAB890</b>  | 80                  |
| <b>AZ5CE025D</b>  | 90      | <b>DZ5CA162D</b> | 91      | <b>DZ5CEB005D</b>   | 90      | <b>NSYTRAB1010</b> | 81                  |
| <b>AZ5DE</b>      | 86      | <b>DZ5CA163</b>  | 89      | <b>DZ5CEB007</b>    | 88      | <b>NSYTRAB1020</b> | 81                  |
| <b>AZ5DE005</b>   | 89      | <b>DZ5CA163D</b> | 91      | <b>DZ5CEB007D</b>   | 90      |                    |                     |
| <b>AZ5DE007</b>   | 88      | <b>DZ5CA253</b>  | 89      | <b>DZ5CEB010</b>    | 88      |                    |                     |
| <b>AZ5DE007D</b>  | 90      | <b>DZ5CA253D</b> | 91      | <b>DZ5CEB010D</b>   | 90      |                    |                     |
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| NSYTRP23     | 64, 66         | NSYTRR24MFB  | 47, 61         | NSYTRV42MPE   | 19, 37     |              |         |
| NSYTRP23AR   | 64, 66         | NSYTRR24MFF  | 47, 61         | NSYTRV42NE    | 19, 34     |              |         |
| NSYTRP23BL   | 64, 66         | NSYTRR24MP   | 61             | NSYTRV42PE    | 17, 24     |              |         |
| NSYTRP23PE   | 64, 68         | NSYTRR24MPBL | 61             | NSYTRV42RD    | 16, 20     |              |         |
| NSYTRP23SC   | 65, 72         | NSYTRR24PE   | 45, 52         | NSYTRV42SC    | 18, 30     |              |         |
| NSYTRP24     | 64, 67         | NSYTRR24SCD  | 46, 59         | NSYTRV42SCD   | 18, 30     |              |         |
| NSYTRP24BL   | 64, 67         | NSYTRR26T    | 46, 56         | NSYTRV42SF5   | 18, 31     |              |         |
| NSYTRP24D    | 65, 70         | NSYTRR26TBL  | 46, 56         | NSYTRV42SF5LA | 31         |              |         |
| NSYTRP24DBL  | 65, 70         | NSYTRR42     | 11, 12, 44, 49 | NSYTRV42SF5LD | 18, 31     |              |         |
| NSYTRP24DPE  | 65, 70         | NSYTRR42AR   | 44, 49         | NSYTRV42SF6   | 18, 31     |              |         |
| NSYTRP24PE   | 64, 68         | NSYTRR42BL   | 44, 49         | NSYTRV42SF6LA | 31         |              |         |
| NSYTRP24SC   | 65, 72         | NSYTRR42PE   | 45, 53         | NSYTRV42SF6LD | 18, 31     |              |         |
| NSYTRP42     | 12, 64, 67     | NSYTRR43     | 44, 49         | NSYTRV42ST    | 18, 30     |              |         |
| NSYTRP42BL   | 64, 67         | NSYTRR43AR   | 44, 49         | NSYTRV42STAR  | 18, 30     |              |         |
| NSYTRP42PE   | 64, 69         | NSYTRR43BL   | 44, 49         | NSYTRV42TB    | 18, 30     |              |         |
| NSYTRP42TB   | 65, 73         | NSYTRR43PE   | 45, 53         | NSYTRV42WH    | 16, 20     |              |         |
| NSYTRP43     | 64, 67         | NSYTRR44     | 44, 49         | NSYTRV43      | 18, 26     |              |         |
| NSYTRP43BL   | 64, 67         | NSYTRR44AR   | 44, 49         | NSYTRV43BL    | 26         |              |         |
| NSYTRP43PE   | 64, 69         | NSYTRR44BL   | 44, 49         | NSYTRV43PE    | 17, 18, 28 |              |         |
| NSYTRP44     | 64, 67         | NSYTRR44D    | 46, 56         | NSYTRV44      | 18, 26     |              |         |
| NSYTRP44BL   | 64, 67         | NSYTRR44DBL  | 46, 56         | NSYTRV44BL    | 26         |              |         |
| NSYTRP44PE   | 64, 69         | NSYTRR44DPE  | 46, 57         | NSYTRV44D     | 18, 27     |              |         |
| NSYTRR22     | 11, 12, 44, 48 | NSYTRR44PE   | 45, 53         | NSYTRV44DBL   | 27         |              |         |
| NSYTRR22AR   | 44, 48         | NSYTRR62     | 12, 44, 49     | NSYTRV44DPE   | 18, 29     |              |         |
| NSYTRR22BL   | 44, 48         | NSYTRR62BL   | 44, 49         | NSYTRV44PE    | 17, 18, 28 |              |         |
| NSYTRR22M    | 47, 60         | NSYTRR62PE   | 45, 54         | NSYTRV62      | 11, 16, 20 |              |         |
| NSYTRR22MBL  | 47, 60         | NSYTRR63     | 44, 50         | NSYTRV62BL    | 16, 20     |              |         |
| NSYTRR22MF   | 47, 61         | NSYTRR102    | 12, 44, 50     | NSYTRV62NE    | 19, 34     |              |         |
| NSYTRR22MFB  | 47, 61         | NSYTRR102BL  | 44, 50         | NSYTRV62PE    | 17, 24, 54 |              |         |
| NSYTRR22MFF  | 47, 61         | NSYTRR102PE  | 45, 54         | NSYTRV62TT    | 32         |              |         |
| NSYTRR22MP   | 47, 61         | NSYTRR162    | 12, 44, 50     | NSYTRV62TTD   | 19, 32     |              |         |
| NSYTRR22MPBL | 47, 61         | NSYTRR162BL  | 44, 50         | NSYTRV62TTPE  | 19, 33     |              |         |
| NSYTRR22MPE  | 47, 60         | NSYTRR162PE  | 45, 54         | NSYTRV102     | 11, 16, 21 |              |         |
| NSYTRR22PE   | 45, 52         | NSYTRV22     | 11, 16, 20     | NSYTRV102BL   | 16, 21     |              |         |
| NSYTRR22SC   | 46, 58         | NSYTRV22AR   | 16, 20         | NSYTRV102PE   | 17, 25     |              |         |
| NSYTRR22SCAR | 46, 58         | NSYTRV22BL   | 16, 20         | NSYTRV162     | 11, 16, 21 |              |         |
| NSYTRR22TB   | 46, 59         | NSYTRV22M    | 19, 36         | NSYTRV162BL   | 16, 21     |              |         |
| NSYTRR23     | 44, 48         | NSYTRV22MBL  | 19, 36         | NSYTRV162PE   | 17, 25     |              |         |
| NSYTRR23AR   | 44, 48         | NSYTRV22MPE  | 19, 37         | NSYTRV162SF   | 18, 31     |              |         |
| NSYTRR23BL   | 44, 48         | NSYTRV22PE   | 17, 24         | NSYTRV352     | 11, 16, 21 |              |         |
| NSYTRR23PE   | 44, 52         | NSYTRV22RD   | 16, 20         | NSYTRV352BL   | 16, 21     |              |         |
| NSYTRR23SC   | 46, 58         | NSYTRV22WH   | 16, 20         | NSYTRV352PE   | 17, 25     |              |         |
| NSYTRR23SCAR | 46, 58         | NSYTRV24D    | 18, 27         | NSYTRV502     | 16, 21     |              |         |
| NSYTRR23TB   | 46, 59         | NSYTRV24DBL  | 27             | NSYTRV502BL   | 16, 21     |              |         |



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