



Main

Range of product	TeSys D control relay TeSys F TeSys D
Range	TeSys
Product or component type	Auxiliary contact block
Auxiliary contacts operation	Instantaneous
Pole contact composition	4 NC
Connections - terminals	Screw clamp terminals 1 cable(s) 1...2.5 mm ² flexible with cable end Screw clamp terminals 1 cable(s) 1...2.5 mm ² flexible without cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 1...2.5 mm ² solid with cable end Screw clamp terminals 1 cable(s) 1...2.5 mm ² solid without cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² solid with cable end Screw clamp terminals 2 cable(s) 1...2.5 mm ² solid without cable end

Complementary

Mounting location	Front
[Ui] rated insulation voltage	600 V - certifications UL 690 V conforming to IEC 60947-5-1 600 V - certifications CSA
[Ue] rated operational voltage	690 V AC 25...400 Hz
[Ith] conventional free air thermal current	10 A (at 60 °C)
Irms rated making capacity	140 A at <= 690 V AC conforming to IEC 60947-5-1 250 A at <= 690 V DC conforming to IEC 60947-5-1
Permissible short-time rating	100 A 60 °C 1 s 120 A 60 °C 500 ms 140 A 60 °C 100 ms
Protection type	GG fuse 10 A rating according to operational current for Ue <= 690 V
Associated fuse rating	10 A gG conforming to IEC 60947-5-1
Mechanical durability	30 Mcycles

Minimum switching current	5 mA
Minimum switching voltage	17 V
Non-overlap time	1.5 ms on de-energisation no overlap between NC and NO contact 1.5 ms on energisation no overlap between NC and NO contact
Overlap time	1.5 ms
Insulation resistance	> 10 MOhm
Product weight	0.05 kg

Environment

Environmental characteristic	Normal environment
Standards	EN 60947-5-1 NF C 63-140 VDE 0660 IEC 60947-5-1 BS 4794
Product certifications	CSA UL
IP degree of protection	IP2x conforming to VDE 0106
Protective treatment	TH conforming to IEC 60068
Ambient air temperature for operation	-5...60 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	3000 m without

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	Download RoHS China Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
----------	-----------