



Main

Range	Enerlin'X
Product name	Link
Product or component type	Gateway
Device short name	Link150
Device application	Gateway
External supply	19.2...26.4 V 500 mA, DC
PoE	Power supply device PoE IEEE 802.3af
Number of port	2
Communication gateway	Ethernet/Fieldbus

Complementary

Current consumption	48 V DC via PoE : 65 mA at 20 °C 24 V DC via external supply : 130 mA at 20 °C
Power consumption in W	<= 15 W via PoE
Communication network type	Modbus Serial line slave (RS485) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus ASCII (RS485) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus RTU, JBUS, PowerLogic (SY/MAX) (RS485) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus Serial line slave (RS232) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus ASCII (RS232) , 2400, 4800, 9600, 19200, 38400, 56000 or 57600 bauds Modbus RTU, JBUS, PowerLogic (SY/MAX) (RS232) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus TCP/IP (Ethernet) , 10/100 Mbit/s SNMP (Ethernet) , 10/100 Mbit/s HTTP (Ethernet) , 10/100 Mbit/s FTP (Ethernet) , 10/100 Mbit/s PoE 15W (Power over Ethernet) (Ethernet) , 10/100 Mbit/s Ethernet Modbus TCP/IP daisy chain (Ethernet) , 10/100 Mbit/s
Parity	Even/Odd or none
Communication port protocol	Modbus RTU and ASCII slave 2 or 4 wires, insulation: 2.5 kV Modbus ASCII master 2 or 4 wires, insulation: 2.5 kV Modbus RTU, JBUS, PowerLogic (SY/MAX) master 2 or 4 wires, insulation: 2.5 kV Modbus TCP/IP insulation: 6 kV Ethernet Modbus TCP/IP daisy chain insulation: 6 kV
Communication port support	RS485 RJ45 RS232 RJ45 Ethernet RJ45
Connections - terminals	Power supply : top screw terminal block 0.2...1.5 mm ² flexible cable(s) without cable end Power supply : top screw terminal block 0.2...1.5 mm ² flexible cable(s) with cable end Power supply : top screw terminal block 0.2...1.5 mm ² rigid cable(s)
Tightening torque	Power supply : 0.3 N.m (<= 3 mm blade) with flat
Wire stripping length	Power supply : 7 mm for top connector connection
Mounting mode	Clip-on
Mounting support	35 mm DIN rail
Product certifications	CE CUL CULus UL RCM FCC Class A China RoHS

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Standards	IEC 61000-6-2 UL 60950-1 IEC 60950-1 UL 61010-1 UL 61010-2-201 CSA C22.2 No 60950-1 AS/NZS 60950-1
Depth	72 mm
Height	105 mm
Width	71 mm
Product weight	175 g
Web services	Web server
Local signalling	LED communication RS485 LED communication RS232 LED network communication status (Net Status) LED module status LED Ethernet activity (ETH2) LED Ethernet activity (ETH1)

Environment

Relative humidity	5...95 % at 55 °C without condensation
IP degree of protection	IP20 (terminal block) IP30 (casing) IP40 (front panel (in enclosure))
Mechanical robustness	Free fall resistance : 1.2 m Jolts (de-energized) : 100 jolts/axle, 15 Gn for 6 ms according to IEC 60068-2-29 Shocks (de-energized) : 15 Gn for 11 ms according to IEC 60068-2-27 Shocks (in operation) : 10 Gn for 11 ms according to IEC 60068-2-27 Vibrations (de-energized) : 1 Gn, 5 Hz...150 Hz according to IEC 60068-2-6 Vibrations (in operation) : 1 Gn, 5 Hz...150 Hz according to IEC 60068-2-6
Electromagnetic compatibility	<ul style="list-style-type: none"> • voltage dips and interruptions immunity test (30 %, 500 ms) conforming to EN 61000-4-11 • voltage dips and interruptions immunity test : B (60 %, 200 ms) conforming to EN 61000-4-11 • voltage dips and interruptions immunity test : B (100 %, 20 ms) conforming to EN 61000-4-11 • magnetic field at power frequency : class 5 (30 A/m) conforming to EN 61000-4-8 • conducted RF disturbances conforming to CISPR 11 • conducted RF disturbances (10 V) conforming to EN 61000-4-6 • surges 1.2/50 µs : B (level 4) conforming to EN 61000-4-5 • fast transient bursts : class 3 conforming to EN 61000-4-12 • fast transients immunity test : level 4 conforming to EN 61000-4-4 • radiated RF fields : A (3 V/m, 1 MHz...3 GHz) conforming to EN 61000-4-3 • radiated RF fields : A (10 V/m, 80 MHz...1 GHz) conforming to EN 61000-4-3 • electrostatic discharge : B (8 kV air, 6 kV contact) conforming to EN 61000-4-2 • conducted and radiated emissions conforming to CISPR 22 • conducted and radiated emissions conforming to EN 55022 • conducted and radiated emissions conforming to FCC part 15 class B • immunity for industrial environments conforming to CISPR 24 • immunity for industrial environments conforming to EN 61000-6-2
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Pollution degree	2