

EGX150

Link 150 - ethernet gateway - 2 Ethernetport - 24 V DC and PoE



Main

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

Complementary

Current consumption	24 V DC via external supply : 130 mA at 20 °C 48 V DC via PoE : 65 mA at 20 °C
Power consumption in W	<= 15 W via PoE
Communication network type	Ethernet Modbus TCP/IP daisy chain (Ethernet) , 10/100 Mbit/s PoE 15W (Power over Ethernet) (Ethernet) , 10/100 Mbit/s FTP (Ethernet) , 10/100 Mbit/s HTTP (Ethernet) , 10/100 Mbit/s SNMP (Ethernet) , 10/100 Mbit/s Modbus TCP/IP (Ethernet) , 10/100 Mbit/s Modbus RTU, JBUS, PowerLogic (SY/MAX) (RS232) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus ASCII (RS232) , 2400, 4800, 9600, 19200, 38400, 56000 or 57600 bauds Modbus Serial line slave (RS232) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus RTU, JBUS, PowerLogic (SY/MAX) (RS485) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus ASCII (RS485) , 2400, 4800, 9600, 19200 or 38400 bauds Modbus Serial line slave (RS485) , 2400, 4800, 9600, 19200 or 38400 bauds
Parity	Even/odd or none
Communication port protocol	Ethernet Modbus TCP/IP daisy chain insulation: 6 kV Modbus TCP/IP insulation: 6 kV Modbus RTU, JBUS, PowerLogic (SY/MAX) master 2 or 4 wires, insulation: 2.5 kV Modbus ASCII master 2 or 4 wires, insulation: 2.5 kV Modbus RTU and ASCII slave 2 or 4 wires, insulation: 2.5 kV
Communication port support	Ethernet RJ45 RS232 RJ45 RS485 RJ45
Number of inputs	0
Number of outputs	0
Connections - terminals	Power supply : top screw terminal block 0.2...1.5 mm ² rigid cable(s) 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 flexible cable(s) without cable end
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
Standards	IEC 61000-6-2 UL 60950-1 IEC 60950-1

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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 Ethernet activity (ETH1) LED Ethernet activity (ETH2) LED module status LED network communication status (Net Status) LED communication RS232 LED communication RS485
Compatibility code	EGX150

Environment

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

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available