Product datasheet

Specifications

Green Premium™

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

EGX150

Main

Range	Enerlin'X
Product Name	Link
Product Or Component Type	Gateway
Device Short Name	Link150
Device Application	Gateway
External Supply	External supply: 19.2...26.4 V DC, <500 mA
Poe	Power supply device PoE conforming to IEEE 802.3af
Number Of Port	2
Communication Gateway	Ethernet/fieldbus

Complementary

Current Consumption	130 mA at 24 V DC via external supply (20 °C) 65 mA at 48 V DC via PoE (20 °C)
Maximum Power Consumption In W	15 W via PoE
Communication Network Type	Ethernet, Ethernet Modbus TCP/IP daisy chain even/odd or none parity, at 10/100 Mbit/s Ethernet, PoE 15W (Power over Ethernet) even/odd or none parity, at 10/100 Mbit/s Ethernet, FTP even/odd or none parity, at 10/100 Mbit/s Ethernet, HTTP even/odd or none parity, at 10/100 Mbit/s Ethernet, SNMP even/odd or none parity, at 10/100 Mbit/s Ethernet, Modbus TCP/IP even/odd or none parity, at 10/100 Mbit/s RS232, Modbus RTU, JBUS, PowerLogic (SY/MAX) even/odd or none parity, at 2400, 4800, 9600, 19200 or 38400 bauds RS232, Modbus ASCII even/odd or none parity, at 2400, 4800, 9600, 19200, 38400, 56000 or 57600 bauds RS232, Modbus Serial line slave even/odd or none parity, at 2400, 4800, 9600, 19200 or 38400 bauds RS485, Modbus RTU, JBUS, PowerLogic (SY/MAX) even/odd or none parity, at 2400, 4800, 9600, 19200 or 38400 bauds RS485, Modbus ASCII even/odd or none parity, at 2400, 4800, 9600, 19200 or 38400 bauds RS485, Modbus Serial line slave even/odd or none parity, at 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	RJ45: ETHERNET RJ45: RS232 RJ45: RS485
Number Of Inputs	0

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Number Of Outputs	0
Connections - Terminals	Power supply: screw terminal block (top) 0.2…1.5 mm² cable(s) rigid Power supply: screw terminal block (top) 0.2…1.5 mm² cable(s) flexible with cable end Power supply: screw terminal block (top) 0.2…1.5 mm² cable(s) flexible without cable end
Tightening Torque	Power supply: 0.3 N.m flat screwdriver 3 mm
Wire Stripping Length	Power supply: 7 mm for top connector connection
Mounting Mode	Clip-on
Mounting Support	35 mm DIN rail
Product Certifications	cULus FCC Class A CE RCM UL cUL
Standards	IEC 60950-1 UL 61010-2-201 UL 61010-1 CSA C22.2 No 60950-1 AS/NZS 60950-1 UL 60950-1 IEC 61000-6-2
Depth	72 mm
Height	105 mm
Width	71 mm
Net Weight	175 g
Web Services	Web server
Local Signalling	LED: for Ethernet activity (ETH1) LED: for Ethernet activity (ETH2) LED: for module status LED: for network communication status (Net Status) LED: for communication (RS232) LED: for 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 conforming to IEC 60068-2-6 Vibrations de-energized: 1 Gn, 5 Hz...150 Hz conforming to IEC 60068-2-6 Shocks in operation: 10 Gn for 11 ms conforming to IEC 60068-2-27 Shocks de-energized: 15 Gn for 11 ms conforming to IEC 60068-2-27 Jolts de-energized: 100 jolts/axle, 15 Gn for 6 ms conforming to IEC 60068-2-29 Free fall resistance: 1.2 m

Electromagnetic Compatibility	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 - test level: 8 kV air, 6 kV contact B conforming to EN 61000-4-2 Radiated RF fields - test level: 10 V/m, 80 MHz...1 GHz A conforming to EN 61000-4-3 Radiated RF fields - test level: 3 V/m, 1 MHz...3 GHz A 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 - test level: level 4 B (1.2/50 µs) conforming to EN 61000-4-5 Conducted RF disturbances - test level: 10 V conforming to EN 61000-4-6 Conducted RF disturbances conforming to CISPR 11 Magnetic field at power frequency - test level: 30 A/m class 5 conforming to EN 61000-4-8 Voltage dips and interruptions immunity test - test level: 100 %, 20 ms B conforming to EN 61000-4-11 Voltage dips and interruptions immunity test - test level: 60 %, 200 ms B conforming to EN 61000-4-11 Voltage dips and interruptions immunity test - test level: 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

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9 cm
Package 1 Width	9 cm
Package 1 Length	12.5 cm
Package 1 Weight	304 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	24
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.87 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	192
Package 3 Height	75 cm
Package 3 Width	60 cm
Package 3 Length	80 cm
Package 3 Weight	72 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information