Product datasheet

Specifications



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

Local distributor code:

402718071 EGX150

Discontinued on: 23 Jan 2025

EAN Code: 3606480833458

Discontinued

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	9.300 cm
Package 1 Width	9.000 cm
Package 1 Length	12.500 cm
Package 1 Weight	314.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	24
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.200 kg
Unit Type of Package 3	P06
Number of Units in Package 3	192
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	72.000 kg

Logistical informations

Country of origin	ID

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	Fe781b3c-9d04-4c09-9e07-16203c7663f2
EU RoHS Directive	Compliant By Exemption
PVC free	Yes

Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
Removable battery	No
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins