



### 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

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

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
Number of outputs	0
Connections - terminals	Power supply: screw terminal block (top) 0.2...1.5 mm <sup>2</sup> cable(s) rigid Power supply: screw terminal block (top) 0.2...1.5 mm <sup>2</sup> cable(s) flexible with cable end Power supply: screw terminal block (top) 0.2...1.5 mm <sup>2</sup> 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

Package 1 Weight	218.000 g
Package 1 Height	7.950 cm
Package 1 width	8.800 cm
Package 1 Length	12.000 cm

### Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
California proposition 65	WARNING: Cancer and Reproductive Harm - <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>