



### 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 <sup>2</sup> flexible cable(s) without cable end Power supply : top screw terminal block 0.2...1.5 mm <sup>2</sup> flexible cable(s) with cable end Power supply : top screw terminal block 0.2...1.5 mm <sup>2</sup> 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"> <li>• voltage dips and interruptions immunity test (30 %, 500 ms ) conforming to EN 61000-4-11</li> <li>• voltage dips and interruptions immunity test : B (60 %, 200 ms ) conforming to EN 61000-4-11</li> <li>• voltage dips and interruptions immunity test : B (100 %, 20 ms ) conforming to EN 61000-4-11</li> <li>• magnetic field at power frequency : class 5 (30 A/m ) conforming to EN 61000-4-8</li> <li>• conducted RF disturbances conforming to CISPR 11</li> <li>• conducted RF disturbances (10 V ) conforming to EN 61000-4-6</li> <li>• surges 1.2/50 µs : B (level 4 ) conforming to EN 61000-4-5</li> <li>• fast transient bursts : class 3 conforming to EN 61000-4-12</li> <li>• fast transients immunity test : level 4 conforming to EN 61000-4-4</li> <li>• radiated RF fields : A (3 V/m, 1 MHz...3 GHz ) conforming to EN 61000-4-3</li> <li>• radiated RF fields : A (10 V/m, 80 MHz...1 GHz ) conforming to EN 61000-4-3</li> <li>• electrostatic discharge : B (8 kV air, 6 kV contact ) conforming to EN 61000-4-2</li> <li>• conducted and radiated emissions conforming to CISPR 22</li> <li>• conducted and radiated emissions conforming to EN 55022</li> <li>• conducted and radiated emissions conforming to FCC part 15 class B</li> <li>• immunity for industrial environments conforming to CISPR 24</li> <li>• immunity for industrial environments conforming to EN 61000-6-2</li> </ul>
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C
Pollution degree	2