



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 |
| Number of outputs | 0 |
| Connections - terminals | Power supply: screw terminal block (top) 0.2...1.5 mm ² cable(s) rigid Power supply: screw terminal block (top) 0.2...1.5 mm ² cable(s) flexible with cable end Power supply: screw terminal block (top) 0.2...1.5 mm ² 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 China RoHS 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 |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |