**EGX150**
Link 150 - ethernet gateway - 2 Ethernet port - 24 V DC and PoE

### 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 or 38400 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

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.
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 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
- 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
- Vibration in operation: 1 G, 5 Hz...150 Hz conforming to IEC 60068-2-6
- Vibration de-energized: 1 G, 5 Hz...150 Hz conforming to IEC 60068-2-6
- Shocks in operation: 10 G for 11 ms conforming to IEC 60068-2-27
- Shocks de-energized: 15 G for 11 ms conforming to IEC 60068-2-27
- Jolts de-energized: 100 jolts/axle, 15 G 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

<table>
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<th>Environmental Requirements</th>
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<td>Ambient air temperature for operation</td>
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<td>Ambient air temperature for storage</td>
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### 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
- **EU RoHS Directive**: Compliant
  - **EU RoHS Declaration**: EU RoHS Declaration
- **Mercury free**: Yes
- **RoHS exemption information**: Yes
- **China RoHS Regulation**: China RoHS declaration
- **Environmental Disclosure**: Product Environmental Profile
- **Circularity Profile**: End of Life Information