

Product data sheet

Specifications



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

EGX150

⚠ Discontinued on: 30 June 2023

⚠ To be end-of-service on: 30 June 2025

⚠ To be discontinued

Product availability : Stock - Normally stocked in distribution facility

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 IEEE 802.3af
Number of port	2
Communication gateway	Ethernet/fieldbus

Complementary

Current consumption	130 mA 24 V DC via external supply 20 °C) 65 mA 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 10/100 Mbit/s Ethernet, PoE 15W (Power over Ethernet) even/odd or none 10/100 Mbit/s Ethernet, FTP even/odd or none 10/100 Mbit/s Ethernet, HTTP even/odd or none 10/100 Mbit/s Ethernet, SNMP even/odd or none 10/100 Mbit/s Ethernet, Modbus TCP/IP even/odd or none 10/100 Mbit/s RS232, Modbus RTU, JBUS, PowerLogic (SY/MAX) even/odd or none 2400, 4800, 9600, 19200 or 38400 bauds RS232, Modbus ASCII even/odd or none 2400, 4800, 9600, 19200, 38400, 56000 or 57600 bauds RS232, Modbus Serial line slave even/odd or none 2400, 4800, 9600, 19200 or 38400 bauds RS485, Modbus RTU, JBUS, PowerLogic (SY/MAX) even/odd or none 2400, 4800, 9600, 19200 or 38400 bauds RS485, Modbus ASCII even/odd or none 2400, 4800, 9600, 19200 or 38400 bauds RS485, Modbus Serial line slave even/odd or none 2400, 4800, 9600, 19200 or 38400 bauds
Parity	Even/odd or none
Communication port protocol	Ethernet Modbus TCP/IP daisy chain 6 kV Modbus TCP/IP 6 kV Modbus RTU, JBUS, PowerLogic (SY/MAX), master - 2 or 4 wires 2.5 kV Modbus ASCII, master - 2 or 4 wires 2.5 kV Modbus RTU and ASCII, slave - 2 or 4 wires 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) 0.00...0.00 in ² (0.2...1.5 mm ²) rigid Power supply screw terminal block top) 0.00...0.00 in ² (0.2...1.5 mm ²) flexible with cable end Power supply screw terminal block top) 0.00...0.00 in ² (0.2...1.5 mm ²) flexible without cable end
Tightening torque	Power supply 2.66 lbf.in (0.3 N.m) flat 0.12 in (3 mm)
Wire stripping length	Power supply 0.28 in (7 mm) top connector
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	2.83 in (72 mm)
Height	4.13 in (105 mm)
Width	2.80 in (71 mm)
Net Weight	6.17 oz (175 g)
Web services	Web server
Local signalling	LED:Ethernet activity (ETH1) LED:Ethernet activity (ETH2) LED:module status LED:network communication status (Net Status) LED:communication RS232) LED:communication RS485)
Compatibility code	EGX150
Environment	
Relative humidity	5...95 % 131 °F (55 °C) without condensation
IP degree of protection	IP40 front panel (in enclosure)) IP30 casing) IP20 terminal block)
Mechanical robustness	Vibrations in operation1 Gn, 5 Hz...150 Hz IEC 60068-2-6 Vibrations de-energized1 Gn, 5 Hz...150 Hz IEC 60068-2-6 Shocks in operation10 Gn for 11 ms IEC 60068-2-27 Shocks de-energized15 Gn for 11 ms IEC 60068-2-27 Jolts de-energized100 jolts/axle, 15 Gn for 6 ms IEC 60068-2-29 Free fall resistance1.2 m
Electromagnetic compatibility	Immunity for industrial environments EN 61000-6-2 Immunity for industrial environments CISPR 24 Conducted and radiated emissions FCC Part 15 class B Conducted and radiated emissions EN 55022 Conducted and radiated emissions CISPR 22 Electrostatic discharge 8 kV air, 6 kV contactB EN 61000-4-2 Radiated RF fields 10 V/m, 80 MHz...1 GHzA EN 61000-4-3 Radiated RF fields 3 V/m, 1 MHz...3 GHzA EN 61000-4-3 Fast transients immunity testlevel 4 EN 61000-4-4 Fast transient burstsclass 3 EN 61000-4-12 Surges level 4 1.2/50 µs)B EN 61000-4-5 Conducted RF disturbances 10 V EN 61000-4-6 Conducted RF disturbances CISPR 11 Magnetic field at power frequency 30 A/mclass 5 EN 61000-4-8 Voltage dips and interruptions immunity test 100 %, 20 msB EN 61000-4-11 Voltage dips and interruptions immunity test 60 %, 200 msB EN 61000-4-11 Voltage dips and interruptions immunity test 30 %, 500 ms EN 61000-4-11
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)

Pollution degree	2
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Ordering and shipping details

Category	09785-POWERLOGIC SYSTEM CMPNTS
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Discount Schedule	PL1
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GTIN	3606480833458
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Returnability	Yes
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Country of origin	ID
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	3.54 in (9 cm)
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Package 1 Width	3.54 in (9 cm)
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Package 1 Length	4.92 in (12.5 cm)
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Package 1 Weight	10.72 oz (304 g)
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Unit Type of Package 2	S03
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Number of Units in Package 2	24
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Package 2 Height	11.81 in (30 cm)
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Package 2 Width	11.81 in (30 cm)
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Package 2 Length	15.75 in (40 cm)
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Package 2 Weight	17.35 lb(US) (7.87 kg)
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Unit Type of Package 3	P06
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Number of Units in Package 3	192
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Package 3 Height	29.53 in (75 cm)
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Package 3 Width	23.62 in (60 cm)
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Package 3 Length	31.50 in (80 cm)
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Package 3 Weight	158.73 lb(US) (72 kg)
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Offer Sustainability

Sustainable offer status	Green Premium product
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California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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REACH Regulation	REACH Declaration
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EU RoHS Directive	Compliant EU RoHS Declaration
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Mercury free	Yes
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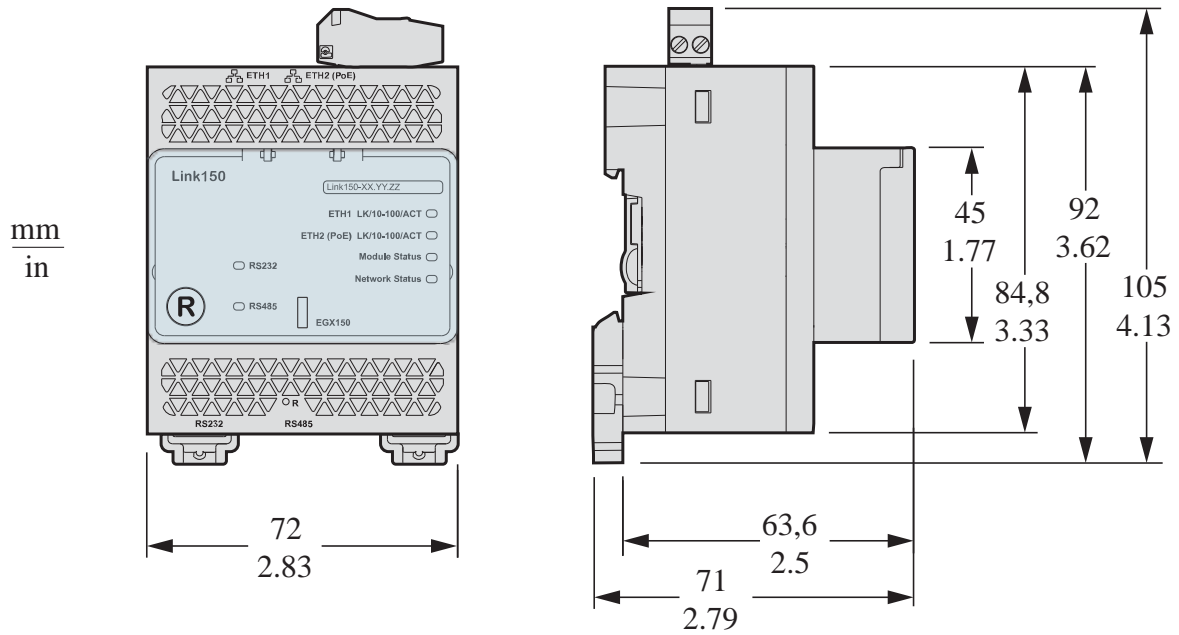
China RoHS Regulation	China RoHS declaration
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RoHS exemption information	Yes
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Environmental Disclosure	Product Environmental Profile
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Circularity Profile	End of Life Information
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Dimensions



Recommended replacement(s)

EGX150 may be replaced by any of the following products:

1x  EcoStruxure Panel Server - universal wireless, concentrator modbus gateway 110-277 VAC/DC PAS600

1x  EcoStruxure Panel Server - universal wireless, concentrator modbus gateway 24 VDC PAS600L