Link150
Ethernet gateway

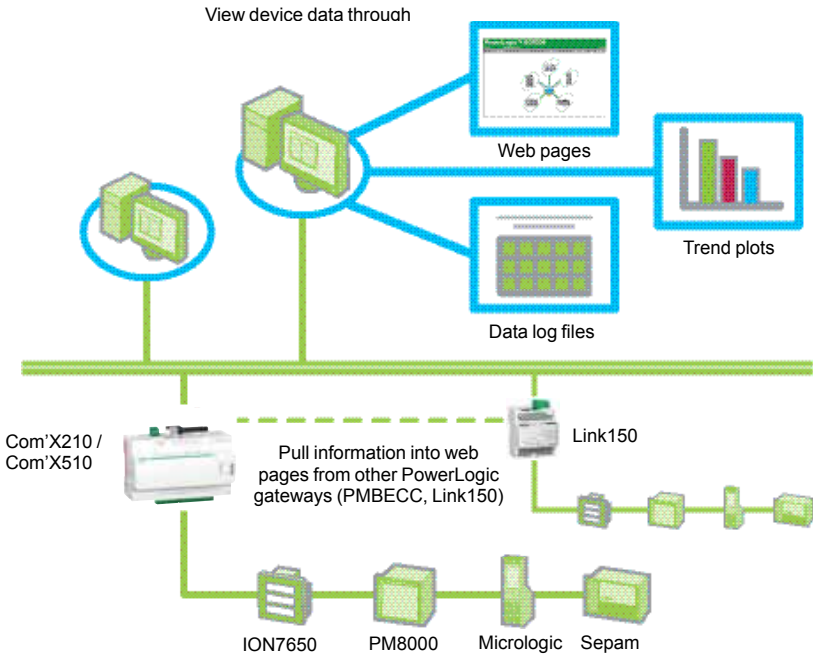
PB115131

The Link150

The Link150 gateway provides fast, reliable Ethernet connectivity in the most demanding applications, from a single building to a multi-site enterprise.
This gateway supports meters, monitors, protective relays, trip units, motor controls and other devices that need to communicate data quickly and efficiently.
It is your simple, cost-effective serial line to full Ethernet connectivity.

Applications

- Energy management
- Power distribution
- Building automation
- Factory automation



Security

- Secure user interface including user's name and password for login
- Advanced security features to allow users to specify which Modbus TCP/IP master devices may access attached serial slave devices
  - Modbus TCP/IP filtering feature
  - Allows user to specify the level of access for each master device as Read-only or Full access
- Access via the secure HTTPS protocol
- Web pages provide easy configuration and setup

Advantages

- Easy to install and setup
- Easy to maintain
- Compatible with Schneider Electric software offerings (StruxureWare Power Monitoring Expert, StruxureWare PowerSCADA Expert, etc.)
- Reliable Modbus to Ethernet protocol conversion

Part numbers

Powerlogic Link150	
Link150	**EGX150**

Contact your Schneider Electric representative for complete ordering information.

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Link150 front view

Characteristics

	Link150
Weight	175 g (6.17 oz) without packing
Dimensions (HxWxD)	72 x 105 x 71 mm (2.83 x 4.13 x 2.79 in)
Mounting	DIN rail
Power-over-Ethernet (PoE)	Class 3
Power supply	24 V DC (-20/+10%) or Power over Ethernet (PoE Class 3 IEEE 802.3 af) at 15 W
Consumption (typical)	24 V DC, 130 mA at 20 °C PoE 48 V DC, 65 mA at 20 °C
Ambient operating temperature	-25 to +70 °C (-13 to +158 °F)
Ambient storage temperature	-40 to +85 °C (-40 to +185 °F)
Humidity rating	5 to 95 % relative humidity (without condensation) at +55ºC
Pollution Degree	Level 2
IP Ratings	On the front panel (wall-mounted enclosure): IP4x Connectors: IP20 Other parts: IP30
Regulatory/standards compliance for electromagenetic interference	
Emissions (radiated and conducted)	EN55022/EN55011/FCC class A
Immunity for industrial environments:	
electrostatic discharge	EN 61000-6-2
radiated RF	EN 61000-4-2
electrical fast transients	EN 61000-4-3
surge	EN 61000-4-4
conducted RF	EN 61000-4-5
power frequency	EN 61000-4-6
magnetic field	EN 61000-4-8
Regulatory/standards compliance for safety	
Safety - IEC	IEC60950
Safety - UL*	UL 60950 UL 61010-2-201
EMC	IEC6100-6-2
Australia	C-tick - RCM
Sustainability	Green Premium
Serial ports	
Number of ports	2 (1 available at a time)
Types of ports	RS232 or RS485 (2-wire or 4-wire), depending on settings
Protocol	Modbus, Serial
Baud rates	19200 bps (factory setting), 2400 bps, 4800 bps, 9600 bps, 38400 bps, 56000 bps**, 57600 bps**
Maximum number of connected devices	32 (directly) 247 (indirectly)
Ethernet ports (used as a switch)	
Number of ports	2
Type of port	10/100 Base TX (802.3af) port
Protocol	HTTP, Modbus TCP/IP, FTP, SNMP (MIB II)

* Dual listed for US and Canada
** Only available when Physical Interface is set to RS232 and Transmission Mode is set to Modbus ASCII

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Parts

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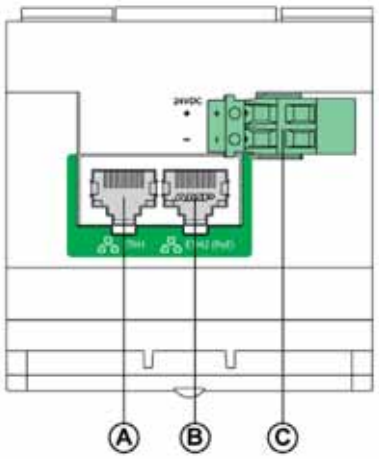

Ⓐ Ethernet 1 communication port
Ⓑ Ethernet 2 (PoE) communication port
Ⓒ Midspan PoE injector

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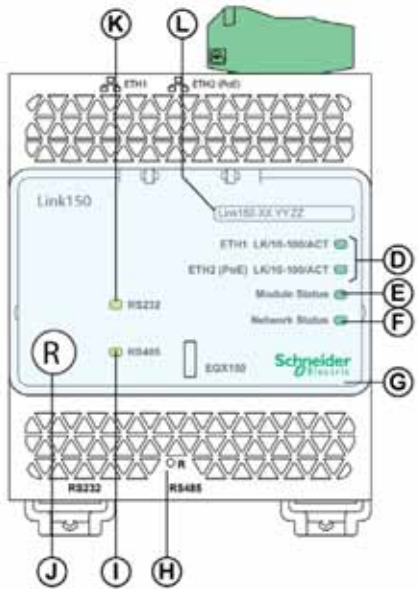

Ⓓ Ethernet communication LEDs
Ⓔ Module status LED
Ⓕ Network status LED
Ⓖ Sealable transparent cover
Ⓗ IP reset pin
Ⓘ RS485 traffic status LED
Ⓙ Device soft restart button (Accesible through closed cover)
Ⓚ RS232 traffic status LED
Ⓛ Device name label

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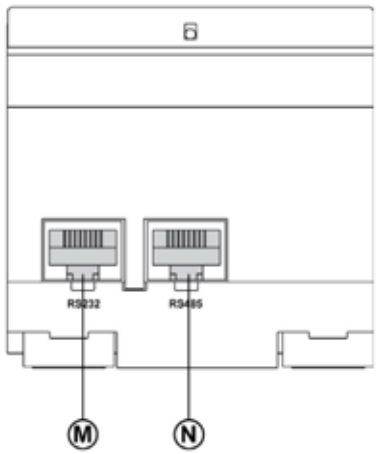

Ⓜ RS232 port
Ⓝ RS485 port

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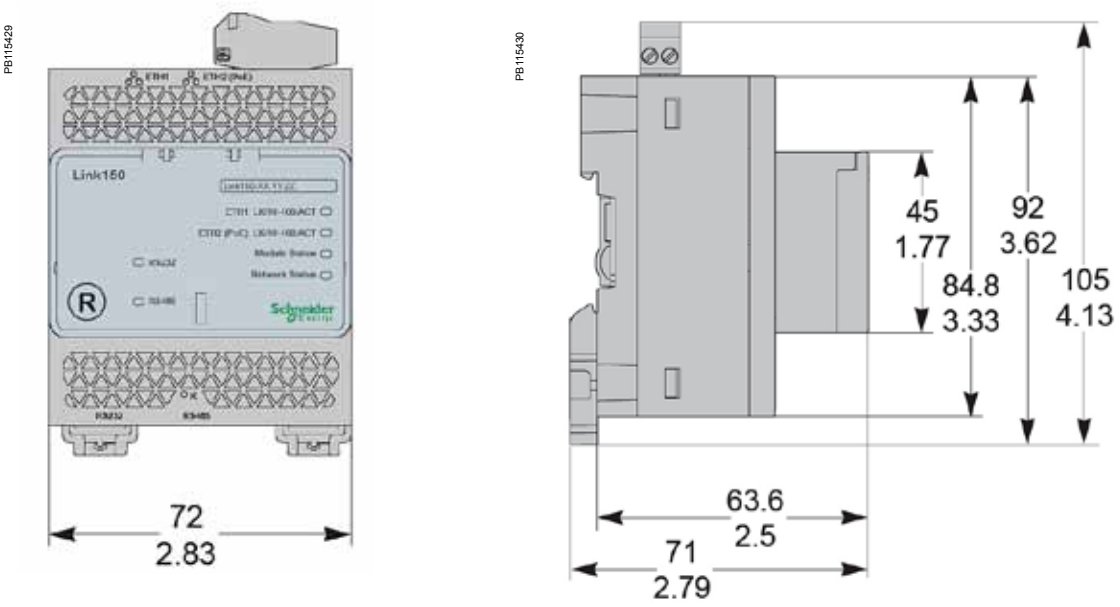
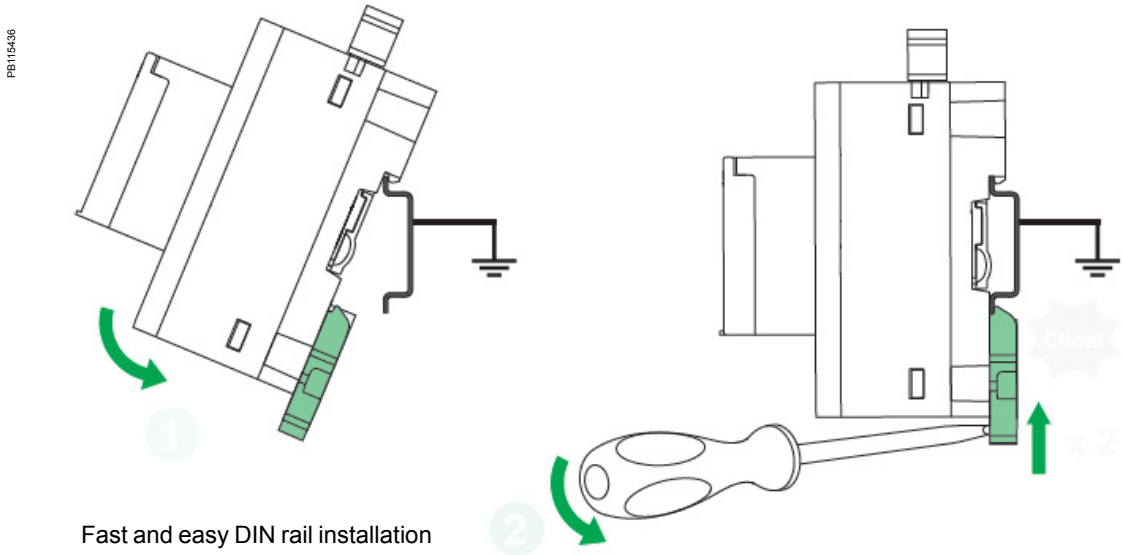
Dimensions



DIN rail mounting



Fast and easy DIN rail installation