

Zentro Link

Safety and Quick Start · For the installer and the panel builder

Part number ZN-LINK-001 · Document number ZT-QS-LINK-001-EN

This document is supplied with the product. Retain it for future reference.

SAFETY

WARNING
Disconnect the supply before any wiring work. Working on a live circuit risks personal injury and irreversible damage to the unit.

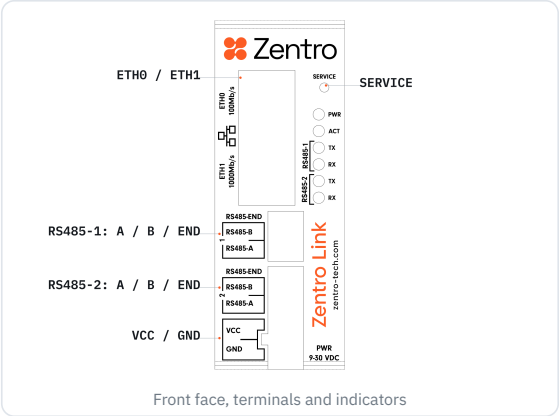
CAUTION
A line terminator fitted at more than two points will load the line and degrade communication.

NOTE
Add external protection to every inductive load — an RC circuit, a varistor or a diode.

OPERATING LIMITS

Supply voltage	9 – 30 V DC (SELV)
Operating temperature	0 ... +55 °C
Ingress protection	IP 20
Tightening torque	Max 0.4 N·m

TERMINALS AND CONNECTORS



ETH0 / ETH1	Two network interfaces operating as a switch
RS485-1: A / B / END	First serial line — /dev/ttyS1
RS485-2: A / B / END	Second serial line — /dev/ttyS2
VCC / GND	Supply, 9–30 V DC
SERVICE	Service-mode button

FIRST POWER-UP

1. Ensure the supply is disconnected before any work.
 2. Clip the unit onto a 35 mm DIN rail, or fit it to a cabinet mounting plate.
 3. Connect the 9–30 V DC supply to the VCC and GND terminals, conductor cross-section up to 2.5 mm².
 4. Connect the RS-485 lines to the A and B terminals, conductor cross-section up to 1.5 mm².
5. Fit a line terminator at the two ends of each line only, using the RS485-END switch.
 6. Connect the Ethernet network to either connector; both interfaces operate as a switch.
 7. Tighten the terminals to no more than 0.4 N·m.
 8. Apply power and confirm that the PWR indicator lights and that the ACT indicator turns on with short flashes.



The product's full document set is available on the website. zentro-tech.com