SMArt™ Cabinet Security

TZ CENTURION™ MULTI PORT LINK

MULTIPLE RJ45 PORT REPLICATION

edp Distribution

PRODUCT OVERVIEW

The TZ Centurion Multi Port Link is a TZ network component that provides cost effective RJ45 port replication, TZ Sensor module connection, power injection and daisy chain networking for the TZ Centurion System.

One TZ Multi Port Link can provide power and serial data connection for up to four TZ devices and RS-485 serial data connections for the continuation of the network. The TZ Centurion Multi Port Link can also act as an inline power injector to power TZ devices and provide four additional I/O connectors for accessories like sensors, in-cabinet task lighting and fans. Additionally, the TZ Centurion Multi Port Link can be used to interface dry contact closure systems to TZ locking devices configured for 2 wire or closing contact operation.

Features & Benefits

- Extends TZ Centurion RS485 network and provides RJ45 port replication for TZ Centurion Bridge systems.
- Provides a power injection point to supplement TZ Centurion Bridge power when more than 32 TZ locking devices are powered from the TZ Centurion Bridge. Power supply sold separately.
- Provides flexibility in cabling schemes for connection of TZ locking devices.
- Screw terminals to connect TZ Sensor modules or to gain access to auxiliary I/O for cabinet level automation functions.
- Easy mounting within cabinets.
- Internal switch to enable simultaneous triggering of all connected devices when used in 2 wire mode. For example, a single dry contact closure input will release all connected TZ devices.
- One RU Rack mount kit available for mounting up to 3 TZ Centurion Multi Port Links.
- Provides cost effective Port replication to connect TZ locking devices to TZ Centurion Bridge systems.
- Allows flexibility and efficiency when used in conjunction with structured cabling systems.
- Provides connection to auxiliary devices such as TZ Sensors for economical environmental monitoring and to third party devices such as in-cabinet task lighting, network cameras and fans.
- Features power injection point for local powering when distances exceed TIA specified distances (100 meters) or power load on TZ network exceeds recommended levels.
- Can be used as a network hub for extending network branches.
- Flexible mounting options allow for fixing to most surfaces.

Specifications Overview

Specifications subject to change to suit particular application requirements.

Physical and Mountings

- Dimensions: 108mm (130mm with flange) x 72mm x 28mm (4.25" (5.2" with flange) x 2.8" x 1.1")
- Weight: 75 g (2.6 oz)
- Mounting: via 2 x M4 (#8) screws through flanges or adhesive on bottom surface (not included)

CAUTION: This product should not be installed in a way that compromises the Ingress Protection (IP) rating of the enclosure in which it is mounted. Do not drill or otherwise produce metal shavings around electronic equipment.

Environmental and Performance

- Operating temperature: -15°C to +55°C (+5°F to +131°F)
- Storage temperature: -55°C to +85°C (-67°F to +185°F)
- Humidity (operating): 95% RH at 50°C (122°F)
- Ingress protection: IP 21
- Non-combustible

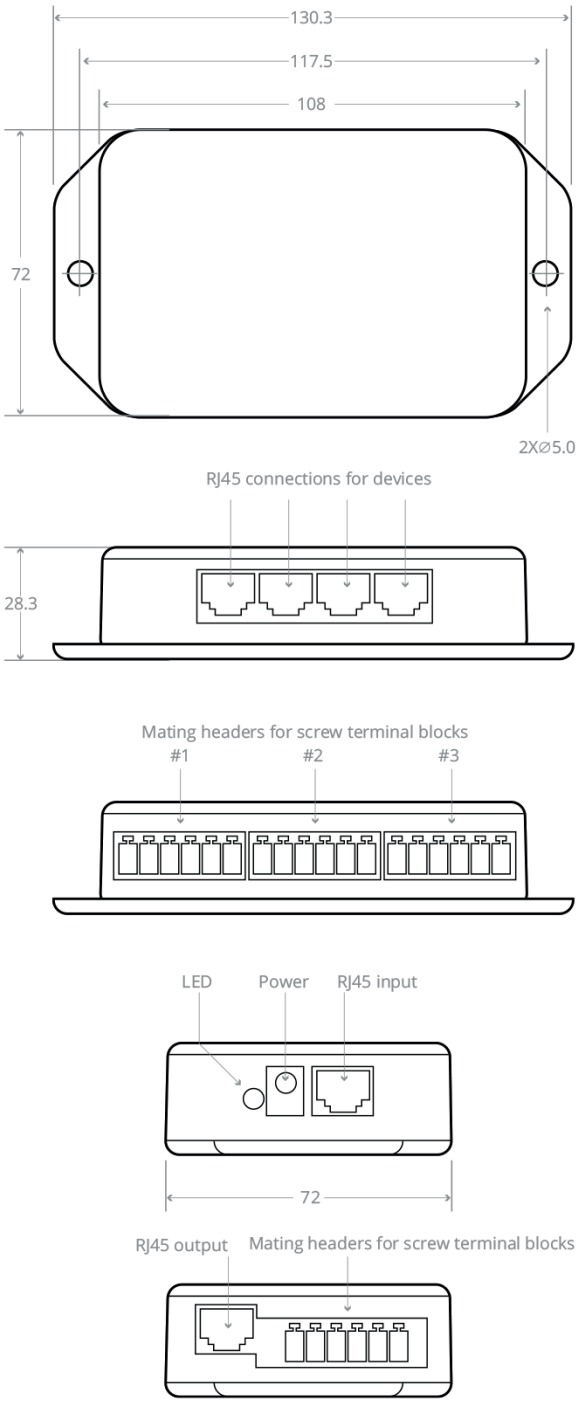
Electrical

- Accepts 9.0 – 32.0 VDC supply voltage – 2.1mm diameter, center positive, barrel power plug
- RS-485 multi-drop communications interface via RJ-45
- 6 x RJ-45 connections: 1 input, 1 output, and 4 for connecting TZ devices
- Four pluggable screw terminal blocks included to make additional electrical connections with devices
- Screw terminal pin-out:
  1: AUX-IN1 | 2: AUX-IN2 | 3: Gnd | 4: AUX-OUT1 |
  5: AUX-OUT2 | 6: +V
- Push-button triggering of attached devices by connecting AUXIN1 to GND via switch or similar
- Internal DIP switch can bridge AUXIN1 pins of all attached devices for simultaneous triggering
- RJ-45 pin out:
  1: +Coms | 2: -Coms | 3: AUX-OUT1 | 4: AUX-IN1 |
  5: Gnd | 6: AUX-OUT2 | 7: AUX-IN2 | 8: +V

Standards Compliance

- FCC Part 15, CE, UL (c-us) per IEC/UL/CSA 60950-1 File E325346
- RoHS compliant
- 1 year limited warranty

Dimensions (mm)



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