

## **TZ CENTURION™ PORT LINK**

### **SINGLE RJ45 PORT REPLICATION**

## **PRODUCT OVERVIEW**

**The TZ Centurion Port Link is a TZ network component that provides RJ45 port replication, TZ Sensor module connection and continuation of the TZ RS485 serial data network for the TZ Centurion System.**

The TZ Centurion Port Link provides a connection for one TZ locking device plus RS-485 and power connections for the continuation of the TZ network or connection of an additional TZ device (if it is being installed at the end of a network branch) and has I/O connectors for accessories like sensors, in-cabinet task lighting and fans.

Additionally the TZ Centurion Port Link can be used as a stand-alone component to interface Dry Contact closure systems such as a relay output to one TZ locking device (when configured for 2 wire or closing contact mode).



## **Features & Benefits**

- Extends the TZ network and connects additional TZ locking or Wiegand devices.
- Screw terminals for auxiliary I/O devices.
- Connection of one TZ locking device and continuation of the TZ network or connection of two devices at end of a network branch.
- Can be used stand-alone to connect a TZ locking device (configured to operate in dry contact mode) to a building access control or other "relay output" system.
- LED power indicator.
- Connects and extends structured cabling systems facilitating cost effective installation.
- Provides flexibility in the design of the TZ network that combines structured cabling with daisy chain continuations or branches.
- Provides connection to auxiliary devices such as TZ sensors for economical environmental monitoring and third party devices such as task lights and fans.
- Small form factor and easily mounted.

## Specifications Overview

Specifications subject to change to suit particular application requirements.

### Physical and Mountings

- Dimensions: 59mm (75mm with flanges) x 41mm x 23mm (2.4" (3.0" with flange) x 1.6" x 0.9")
- Weight: 35 g (1.2 oz)
- Mounting: via 2 x M3 (#6) 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

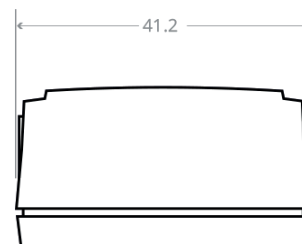
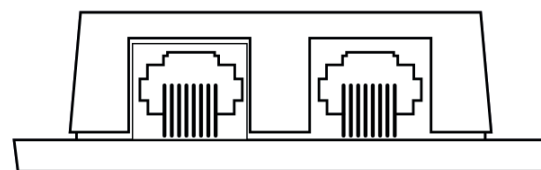
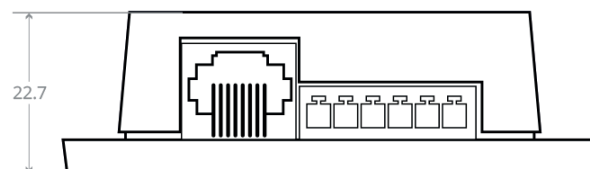
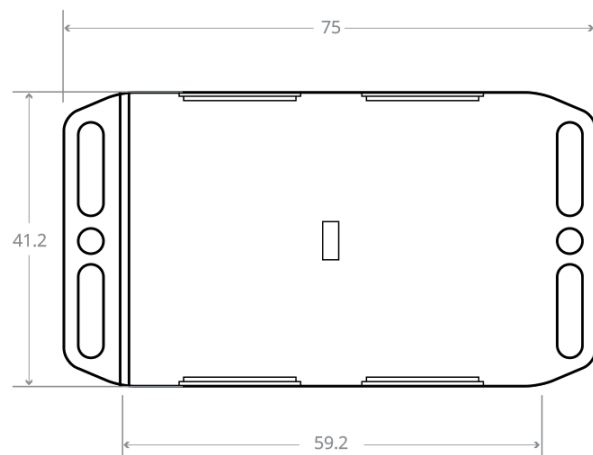
### Electrical

- Accepts 9.0 – 32.0 VDC supply voltage
- RS-485 multi-drop communications interface via RJ-45
- 3 x RJ-45 connections: 1 input, 1 output, and 1 for connecting a TZ device
- Header for pluggable screw terminal blocks 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
- 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)



Ver: EDPTZPL0723.1