TZ Centurion™ Port Link

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

> 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.

Benefits

> 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.

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Cabinet Security

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Specifications Overview

Specifications subject to change to suit particular application requirements.

Physical and Mountings

> **Dimensions**
> **mm:** 59mm (75mm with flanges) x 41mm x 23mm
> **Inches**: 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)

> **Survival 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 RJ45 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

> Pluggable screw terminal not included

> **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

> **RJ45 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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