



infrastructure
protection INC

TZ Praetorian™ Junction

Model Number: 7140AF | 7141AF



The TZ Praetorian Junction interprets relay output from enterprise access control systems and responds with the status of other system components. The TZ Praetorian Junction provides data communication and power to one or two TZ Praetorian Triggers and either 12 or 24 RJ45 ports that connects to TZ locking devices through structured cabling.

The TZ Praetorian Junction also provides pluggable screw terminal blocks for either 12 or 24 connections to the I/O cards of access control systems. It can also be mounted in a 19" 1U rack space, wall, shelf, or anywhere else convenient to the access controller and a structured cable patch panel.

features

- ▶ Compatible with structured cabling standards for 100m length
- ▶ Screw terminal connections for 12 or 24 relay I/O from access controller
- ▶ RJ45 connections for power and data to 12 or 24 TZ locking devices
- ▶ RJ45 connections for power and data to 1 or 2 TZ Praetorian™ Triggers
- ▶ Wide range of input voltage: 90 to 250 VAC, 50 to 60Hz
- ▶ Versions available for 12 or 24 door capacity

benefits

- ▶ Industry standard cabling facilitates installation into existing infrastructure
- ▶ Compatible with 3rd party access control systems which enables retrofitting TZ locking devices such as TZ SlideHandle to existing security systems
- ▶ TZ locking devices do not require additional in-cabinet power reducing cost and installation time
- ▶ Capable of controlling multiple locks with one interface device over very long distances
- ▶ Universal power compatibility facilitates installation
- ▶ Scalable system to accommodate any size installation
- ▶ Serves multiple cabinets – up to 12 x two door cabinets and saves valuable in-cabinet rack space compared to other systems
- ▶ Flexible mounting options for rack, wall, or shelf to facilitate installation

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specifications overview

Specifications subject to change to suit particular application requirements

physical and mountings

Dims: 434.4mm x 209.2mm x 43.7mm (17.1" x 8.2" x 1.72")

Weight: 1.81 kg (4.0 lbs) or 2.5 kg (5.5 lbs)

Mounting: Standard 19" rack mountable spacing or can be wall mounted using the same brackets

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 ambient temperature: 0°C to +50°C (32°F to 122°F)

Storage temperature: -15°C to +70°C (5°F to 158°F)

Humidity (operating): 20 to 80% RH, non-condensing

Ingress protection: IP 20

Estimated MTBF: 131,400 hrs @ 25°C

electrical

Voltage input: 100 to 240VAC, 1A, 50 to 60Hz, IEC C14 (1A, 250VAC, 5x20mm slow blow fuse included)

IEC C13 to NEMA 5-15 input cord included

RS-485 multi-drop communications interface via RJ-45

12 (model 7140AF) or 24 (model 7141AF) x RJ-45 connection to TZ locking devices

1 (model 7140AF) or 2 (model 7141AF) x RJ-45 connection to TZ Praetorian™ Trigger devices

12 (model 7140AF) or 24 (model 7141AF) x analog screw terminal I/O from controller: 2 input / 2 output

CAUTION: RJ-45 ports are not Ethernet compatible

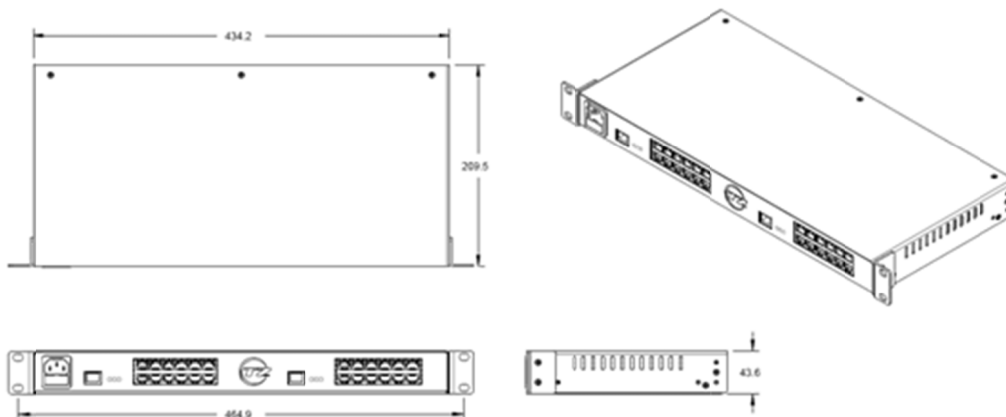
TZ Praetorian™ Junction has no user-serviceable parts and should only be opened by qualified service personnel

standards compliance

FCC Part 15, CE, UL (c-us) per IEC/UL/CSA 60950-1

RoHS compliant, One Year Limited Warranty

dimensions (mm)



7141AF model shown