



infrastructure
protection INC

TZ SlideHandle™

Model Number: 4272CF



TZ SlideHandle™ is an intelligent locking device that offers a drop-in replacement for legacy manual swing-handle data center and IT cabinet locks. The device integrates a high load Shape Memory Alloy (SMA) actuated locking mechanism with touch to release option, fire on input option, a multi-color LED status indicator, manual key over-ride, electronic door status sensor and RJ-45 connector.

TZ SlideHandle™ is powered and controlled using either RS485 serial data communications or dry contact closure via standard UTP Cat5e / Cat6 cabling through a TZ Praetorian™ Junction a TZ Centurion™ Bridge or it can be direct connected via a TZ Multi Port Link or TZ Port Link standard dry contact closure systems

features

- ▶ Simple surface mounted installation on outside of door
- ▶ Connects to control system using RJ45 and Cat5e/6 cabling. Complies with TIA/EIA requirements
- ▶ Mechanism provides industry standard one quarter turn action for single and multipoint systems
- ▶ SMA actuated locking mechanism does not produce electromagnetic fields
- ▶ Defaults to locked when power is removed and incorporates a manual key over-ride
- ▶ Visual indication with touch to release function allows one Reader to control many TZ Slidehandles
- ▶ Multiple sensors for door status (locked/closed, unlocked/closed, unlocked/open, locked/open)
- ▶ Configurable for RS485 or Closing Contact operation

benefits

- ▶ Surface mount design retrofits existing manually keyed swing handle latching systems to enable integrated electronic access, monitoring and recording of all access events
- ▶ Fits most cabinet brands with mounting hardware suitable for industry standard 25mm wide swing handle openings eliminating need for on-site door modifications. Can also be flush mounted
- ▶ Compatible with most single-point and multi-point latching mechanisms as well as split French doors
- ▶ Integrated electronics and sensors report on true door status, including manual over-ride mode and forced entry which provides complete audit trail of cabinet access activity
- ▶ Connects into RJ-45 based twisted pair cabling infrastructure with standard patch cables which can provide power up to 100 meters from head end equipment
- ▶ Bright LED status band visible up to 30m indicates locked, unlocked and ready to unlock states

specifications overview

Specifications subject to change to suit particular application requirements

physical and mountings

Dims (mm): 182.3mm tall (207.3mm when open), 43.5mm wide, 35.9mm out from door, 21.2mm in from door

Dims (inches): 7.17" tall (8.16" when open), 1.71" wide, 1.41" out from door, 0.83" in from door

Mounting: via 2 x M4 (#8) screws and clamp piece. Mounts to doors with standard 25mm x 150mm (5.9" x 1") or 25mm x 125mm (4.9" x 1") opening (with or without center of cutout blanked). 5mm max door panel thickness.

Grip dimensions of 3mm to 24mm can be accommodated with standard spacers and locking cams. Contact TZ for specific application requirements.

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)

Operating cycles: MTTF > 125,000

Ingress protection: IP 51

electrical

Supply voltage: 9.0 – 32.0 VDC

Power consumption (operating): < 3.5 W average

Power consumption (standby): < 400 mW

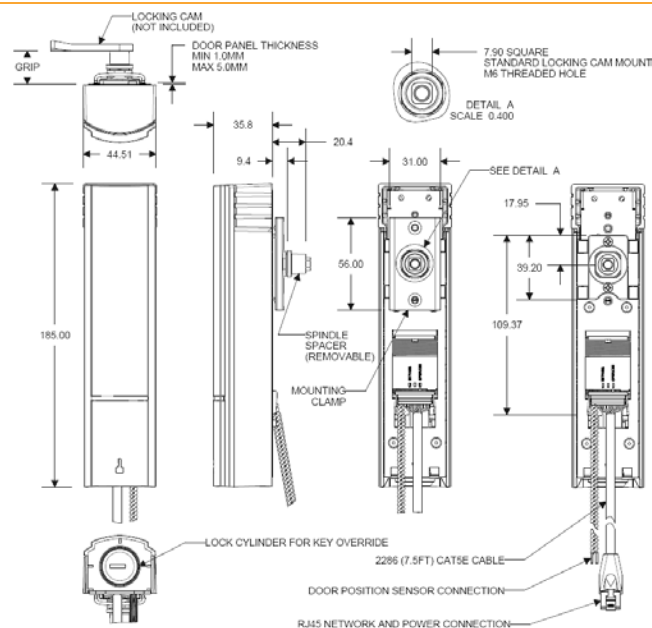
RJ-45 pin-out: 1: +Coms, 2: -Coms, 3: AUX-OUT1, 4: AUX-IN1, 5: Gnd, 6: AUX-OUT2, 7: AUX-IN2, 8: +V

RS485 coms for communication with TZ control systems. Closing contact operation for connection to Dry Contact systems

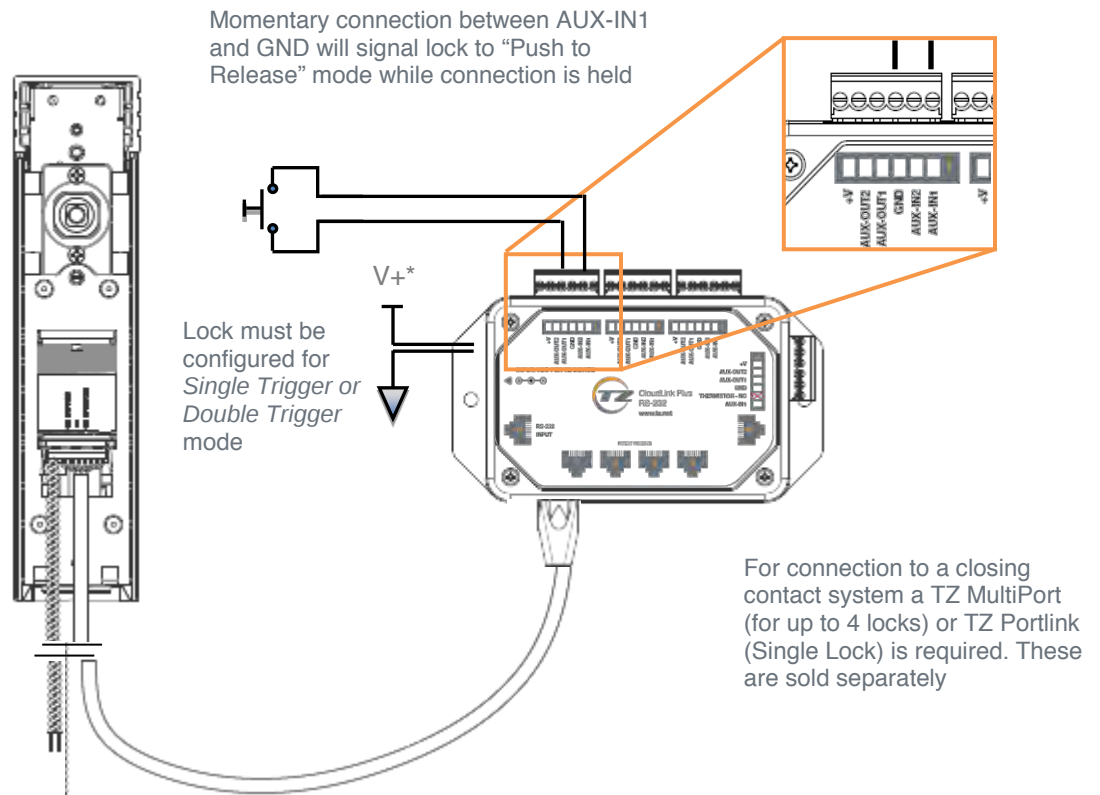
standards compliance

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

RoHS compliant, One Year Limited Warranty

dimensions (mm)

Dry Contact Operation



*Power may be plugged directly into the provided jack (Multi Port only), via CAT-5 connection, or directly to the terminal block.

NOTE: TZ Slidehandle™ ships with RS485 coms mode as default. For fire on input mode please specify this at the time of ordering and consult your Anixter or TZ representative for the correct part number