

TZ SlideHandle™

Model Number: 4272CF



infrastructure
protection

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infrastructure

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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 or TZ Centurion Bridge. TZ SlideHandle can also be direct connected to standard access control or dry contact closure systems.

Features

- > Simple surface mounted installation on outside of door.
- > Fits most cabinet brands.
- > 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.
- > Defaults to locked when power is removed and incorporates a manual key release.
- > Visual LED status indication.
- > Multiple sensors for door status (locked/closed, unlocked/closed, unlocked/open, locked/open).

TZ SlideHandle is an intelligent locking device that offers a retrofittable replacement for traditional manual swing-handle data center cabinet locks. Designed to be installed onto a broad range of cabinets and enclosures, the device leverages its embedded micro-processing, integrated sensing and switching capability to offer the next generation of electronic locking.

Benefits

- > Surface mount design retrofits existing manually keyed cabinet handle latching systems to enable integrated electronic access, monitoring and recording of all access events.
- > Mounting hardware which is suitable for industry standard 25mm wide openings eliminates need for on-site door modifications. Can also be face mounted.
- > Utilising RJ-45 based twisted pair cabling infrastructure provides up to three times more cost-effective implementation.
- > Offers compatibility with single-point and multi-point latching as well as split French doors.
- > No magnetic emissions eliminates the risk of damaging magnetic storage systems.
- > Maintains the integrity of the cabinet security but also allows authorised personnel to over-ride the system in an emergency
- > Provides visibility up to 30m; indicates locked / ready to unlock / unlocked doors.
- > Provides real-time monitoring of events, can raise alarms for unauthorised access and provides a complete audit trail to meet compliance requirements.



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

> RJ45 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)

