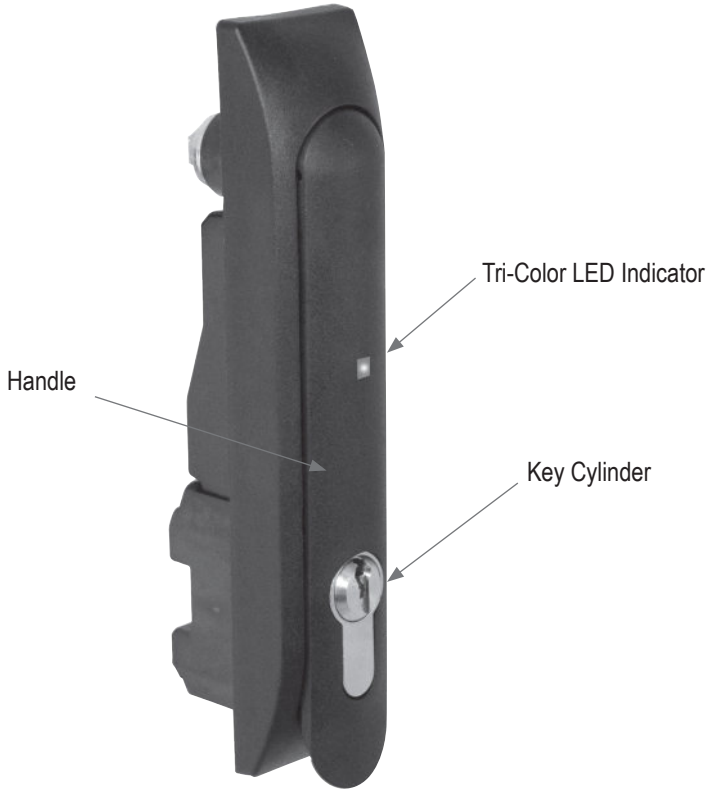
INSTALLATION

3525
ELECTROMECHANICAL RACK HANDLE LOCK

Package Contents
- 3525 Electromechanical Server Rack Handle
- 78.7” (2000 mm) Wire Harness
- M3x25mm Long Mounting Screws (qty 4)
- M3x14mm Long Mounting Screw
- Rotation Limiter - Standard
- Rotation Limiter - Extended (for thicker panels)
- CAM Bolt
- Top Mounting Bracket
- Bottom Mounting Bracket
- IS3525 Installation Instructions
- Keys (qty 3)*

** For 3525 with SFIC, keys and cores are sold separately. (NOTE: 6-pin cores must come with spacer.)*

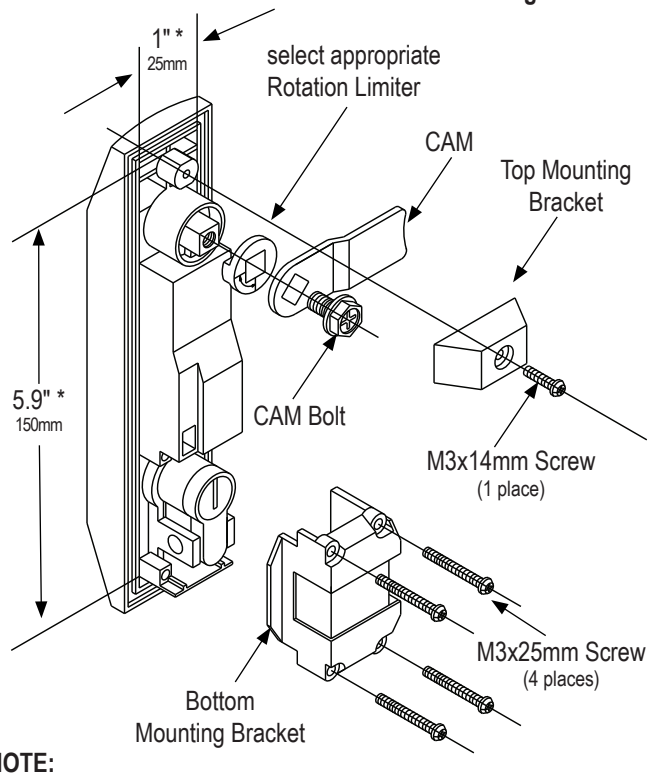


Specifications

Voltage:	12VDC to 24VDC (**NOTE:** Status LED will blink red if the supply voltage is out of range.)
Standby Current:	50mA maximum at 12VDC
Operating Current:	200mA maximum at 12VDC (with no external mechanical load applied to handle)
Operating Transit Time:	1 second maximum (**NOTE:** Power must be present during transit times. If power is removed while the lock slide is moving to the unlock position, then the control input signal must be asserted again. If power is removed while the lock slide is moving to the lock position, it will complete it’s cycle when power is restored.)
Electronic Unlock Time:	3 seconds minimum
Alarm Outputs:	100mA/output maximum
Overall Dimensions:	6-3/4" H x 1-1/2" W x 1” D* (170 x 37 x 25mm*) (* depth from cabinet face)

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Fig. 1



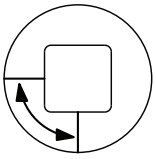
Handle Mounting

1. Assemble handle according to the proper handing required.
2. Rotation Limiter and Bottom Mounting bracket determine handing.
3. If existing cam or rod mechanism are installed on original handle remove and install on new handle. (minimum torque 4Nm)
4. Ensure the proper cutout in the door. (See Fig. 1)
5. Install handle though cutout and install top & bottom mounting brackets. (Pozidrive with maximum 0.5Nm)
6. Install wiring harness and route to hinge side of door securing in place to ensure that nothing will bind or catch.
7. Proceed to wiring. (See Fig. 2)

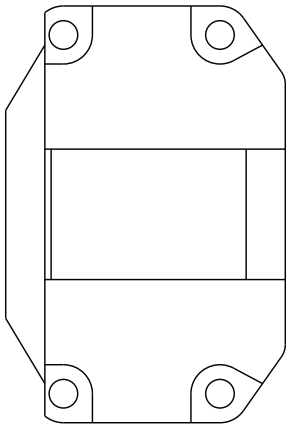
NOTE:

* 1) Cut-out dimensions.

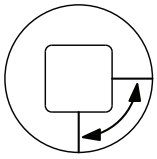
2) Handing is determined by rotation limiter and bottom mounting bracket.



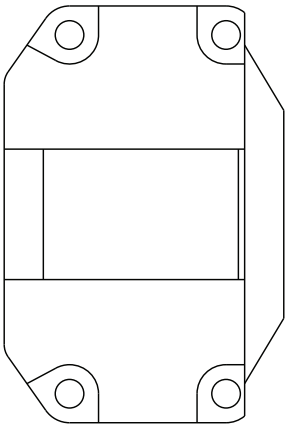
Rotation Limiter
Viewed from back.
Handle rotation is counter clockwise from front.



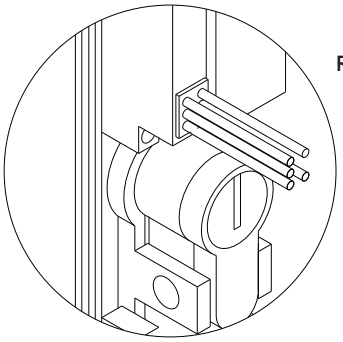
Bottom Mounting Bracket
Viewed from back.
Key rotation is counter clockwise from front.



Rotation Limiter
Viewed from back.
Handle rotation is clockwise from front.



Bottom Mounting Bracket
Viewed from back.
Key rotation is clockwise from front.



RED: Positive
BLACK: Negative
ORANGE: Activation Trigger
YELLOW: 100mA Output for Alarm
BROWN: 100mA Output for Alarm

Fig. 2

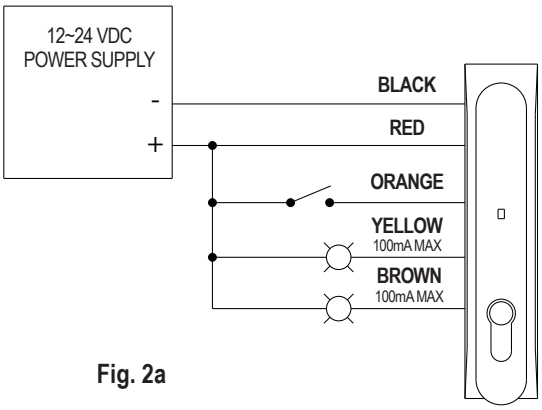


Fig. 2a

Wiring

1. Red & Black are 12 to 24 VDC input voltage.
2. Orange is a positive input with a Normally Open Switch. The lock will unlock for a minimum of 3 seconds on a momentary activation (50 millisecond min.) or remain unlocked as long as the circuit is closed.
3. Yellow is an alarm that will activate when the key is used to unlock the cabinet or anytime the handle is not seated and locked.
4. Brown is an alarm that will activate when the lock is electrically activated and will remain on until the lock electrically relocks.

Lock Status	Latch LED	Alarm Wires
Secure	Steady Blue	Inactive
Electrically Released	Blue/ Magenta Flashing	Brown Active
Mechanically Released	Blue Flashing	Yellow Active
Handle Not Fully Closed	Blue/Red Flashing	Yellow/Brown Active

NOTE: The lock sensor is an optical device that senses the presence of the locking cam.
Reflectivity of the locking cam material can affect sensing.
Keyed cylinder can affect sensing.
Removal of the factory installed keyed cylinder will void the warranty.

REMARQUE: Le capteur de la serrure est un dispositif optionnel qui capte la présence de la came de verrouillage.
La réflectivité du matériel de la came de verrouillage peut nuire à la sensibilité.
Le cylindre à clé peut nuire à la sensibilité.
Le retrait du cylindre à clé installé par le fabricant annulera la garantie.

NOTA: El sensor de la cerradura es un dispositivo óptico que detecta la presencia de la leva de bloqueo.
La reflectividad del material de la leva de bloqueo peude afectar la detección.
El cilindro con chaveta puede afectar la detección.
La extracción del cilindro con chaveta instalado en fábrica anulará la garantía.

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