FCL10, FCL10M and FCL10-10 Cabinet Lock Installation Instructions

Input:
FCL10 and FCL10M: 12/24VDC field changeable
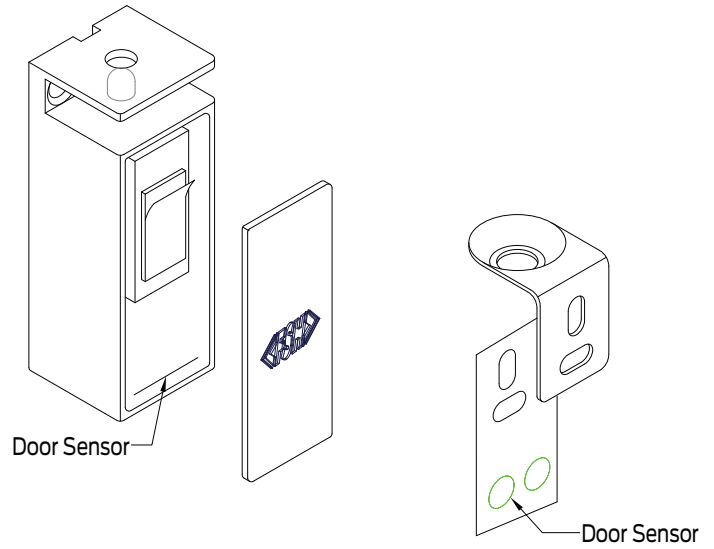FCL10-10: 12VDC ONLY

Current:
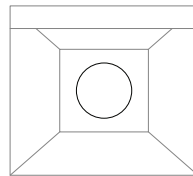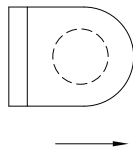12VDC/300mA
24VDC/150mA

Monitoring: (M version only)
LSS: Lock Status Sensor micro switch rating 1A/30VDC
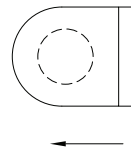DSS: Door Status Sensor reed switch max 10W (max switching contact 0.5A)

Lock Function Mode:
Power To Open (PTO)- Factory default setting
Power To Lock (PTL)
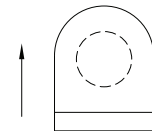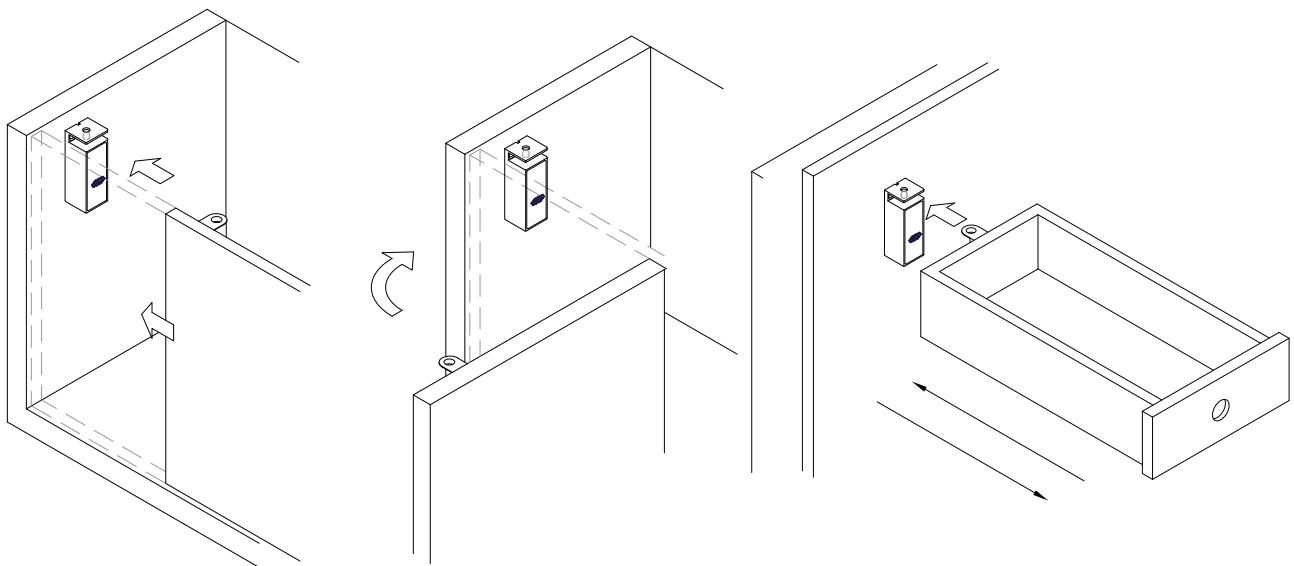
Door Sensor

Door Sensor

Lock from side

Lock from side

Lock from front

3-dimensional locking application

Lock from front in sliding door

Lock from side in a swing door
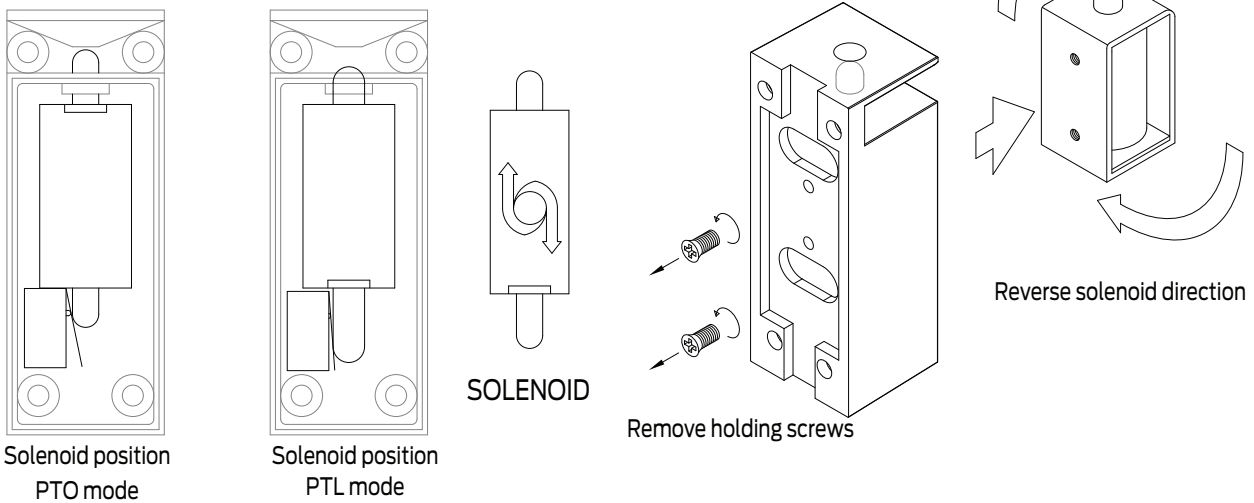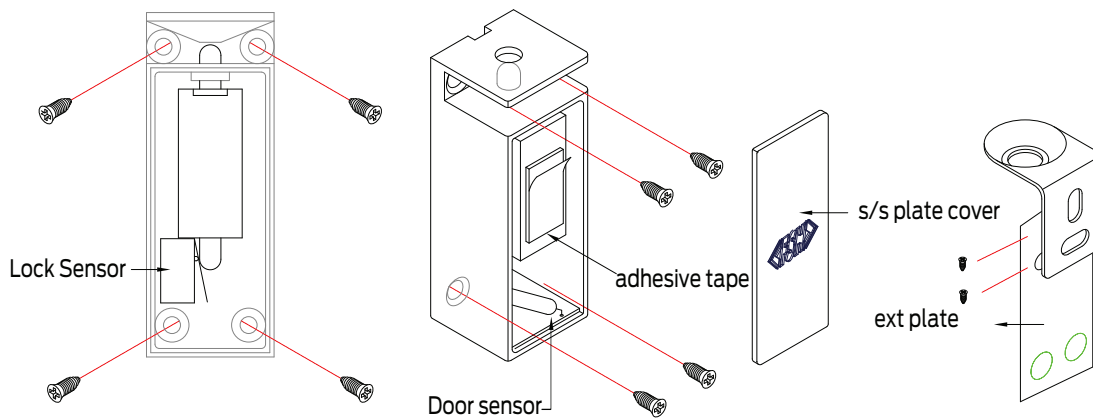
Lock from front in sliding draw

Changing the lock function: Power To Open <-> Power To Lock

Solenoid position
PTO mode

Solenoid position
PTL mode

SOLENOID

Remove holding screws
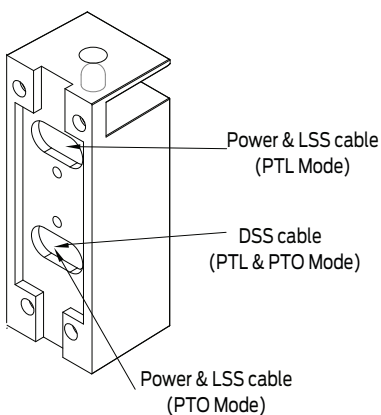
Reverse solenoid direction

Mounting the lock:

1. Set the lock to the required function mode (Power To Open / Power To Lock)
2. Route the wiring through the correct hole as per the wire connection diagram, making sure that the wiring does not obstruct solenoid movement
3. Secure the solenoid with the holding screws and mount the cabinet lock as required
4. Check the lock functionality with power connected
5. Remove the adhesive protective strip on the double sided tape attached to the solenoid and stick on the stainless steel plate cover

Lock Sensor

Door sensor

adhesive tape

s/s plate cover

ext plate

Power & LSS cable
(PTL Mode)

DSS cable
(PTL & PTO Mode)

Power & LSS cable
(PTO Mode)

Wire connection (connect provided varistor according to diagram)

12VDC	24VDC
Red Black Blue White Varsitor Power + -	Red Black Blue White Varsitor Power + -
DOOR STATUS SENSOR	**LOCK STATUS SENSOR**
Green Orange **OPEN POSITION**	Blue —————————— NC White ————————— COM Yellow ———————— NO **LOCK POSITION**