



FES20M Monitored Electric Strike Installation Instructions

FES20M Monitored Electric Strike

Extension Lips

FES20-EL15

FES20-EL25

FES20-EL50

FES20-EL75

Wiring

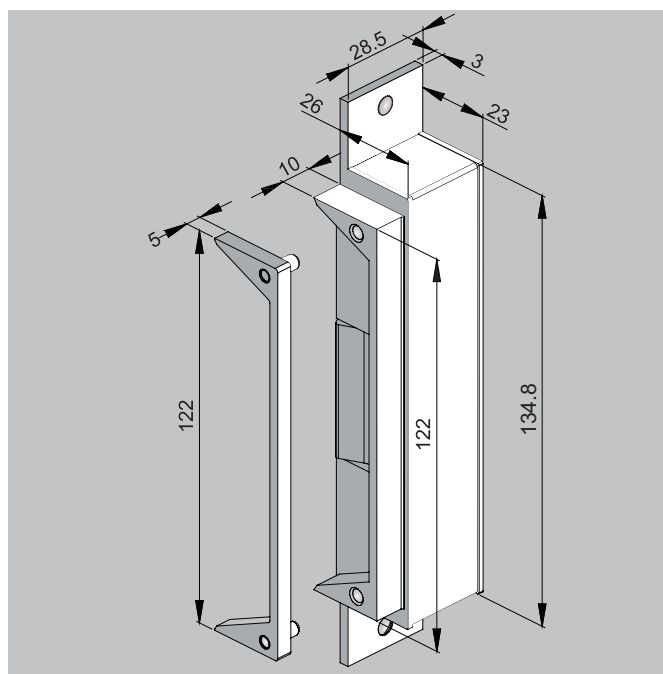
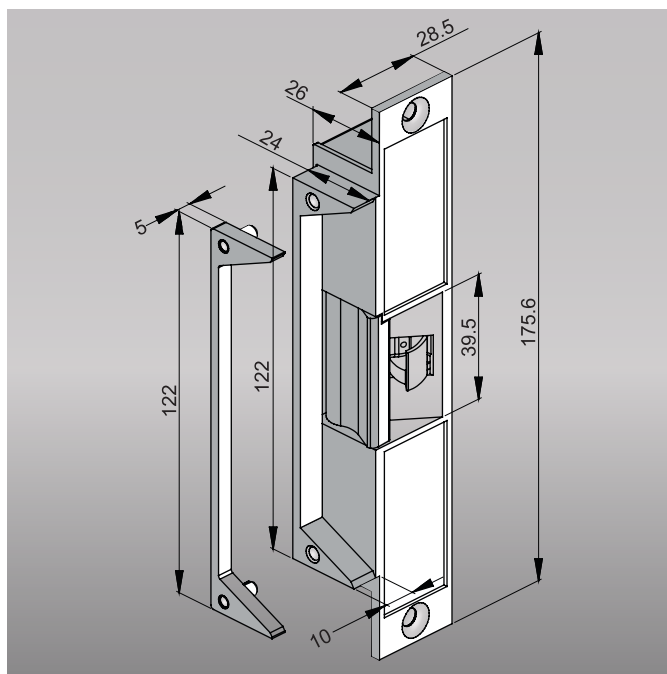
When installation of the strike is completed, connect the wiring according to list below:

Power Input	Multi Voltage 11-30VDC	12 VDC – current 220 mA	24 VDC – current 110 mA	
Wire output	Red (+)	Black (-)		
LSS (Lock Status Sensor)	Black (Common)	Yellow (NO-PTO); (NC-PTL)	Green (NC- PTO); (NO-PTL)	
DSS(Door Status Sensor)	Black (Common)	Blue (NO)	Orange (NC)	
ATS (Anti – tamper Sensor)	Black (Common)	Red (NO)	White (NC)	
Sensor Output	LSS Sensor Output 3 A, 125 VAC 2 A, 30 VDC	DSS Sensor Output 3 A, 125 VAC 2 A, 30 VDC	Anti-tamper Sensor Output 5 A, 125 VAC 3 A, 250 VAC	

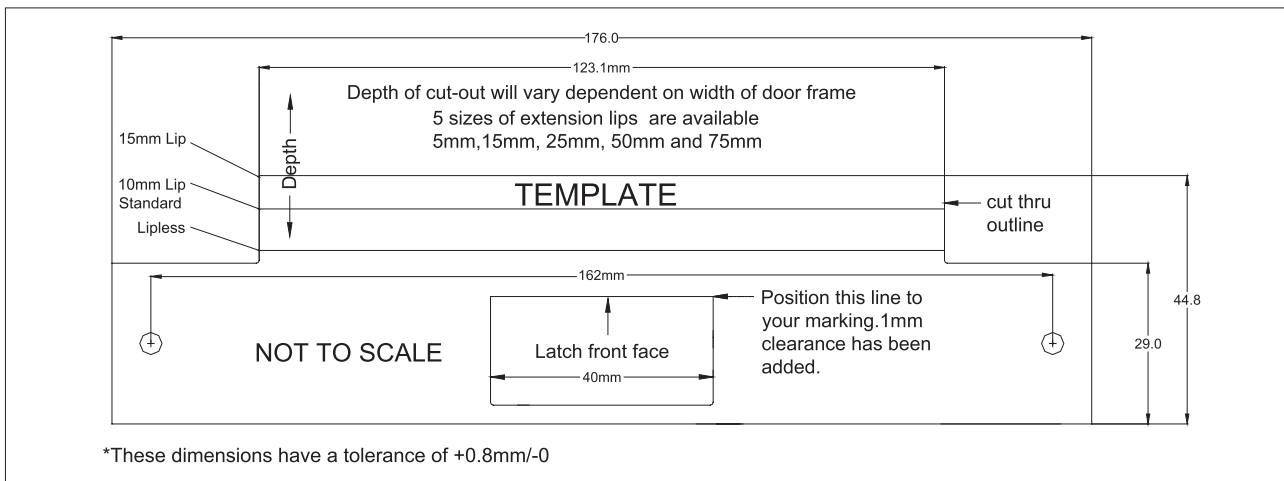
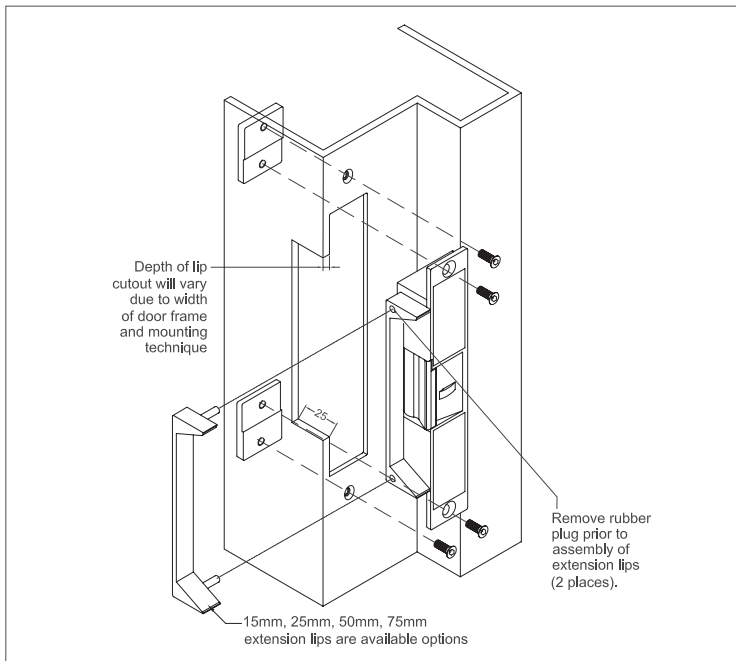
Note

FES20 Series Electric Strike factory setting is Power to Lock (PTL) .
The control circuit for the door strike is protected against reverse polarity connection.
No additional diode protection required.

Product Dimensions

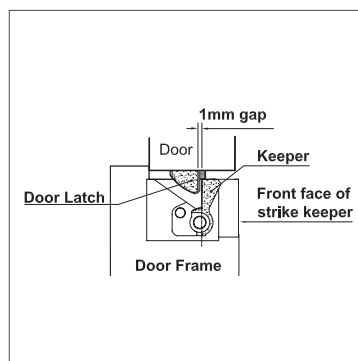
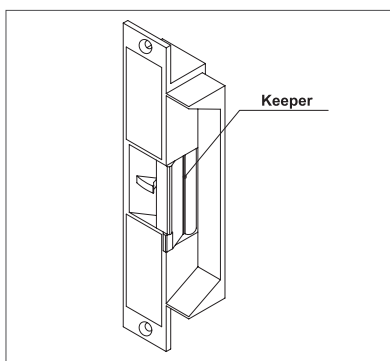


Installation



If frame is not prefabricated, use the enclosed stick-on template to prepare strike cut-out in frame.
Install strike as described in diagram.

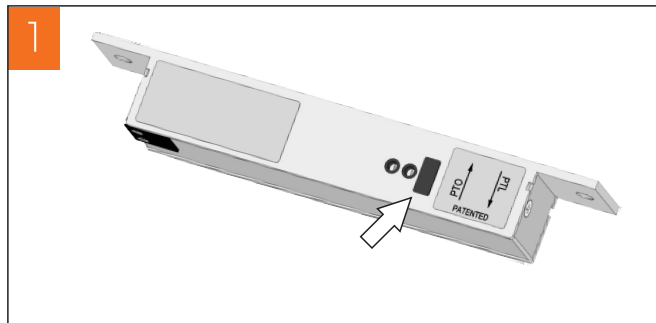
Position of door latch



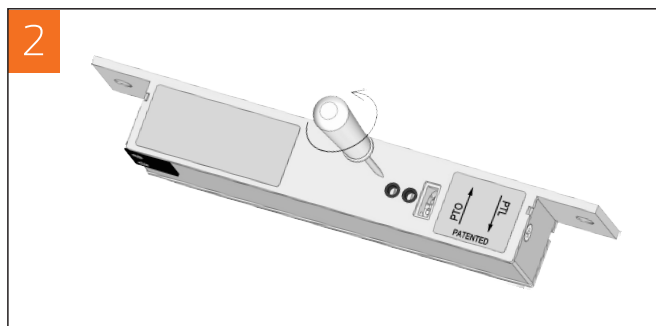
As drawn in the diagrams, there should be a 1mm gap between the door latch and the front face of the strike keeper, preventing the door from creating back pressure on the strike keeper when the door is closed.

Mode Selection

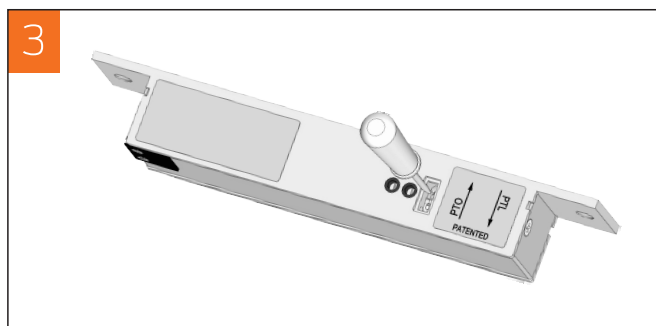
Procedure to convert PTL (Power to Lock) to PTO (Power to Open)



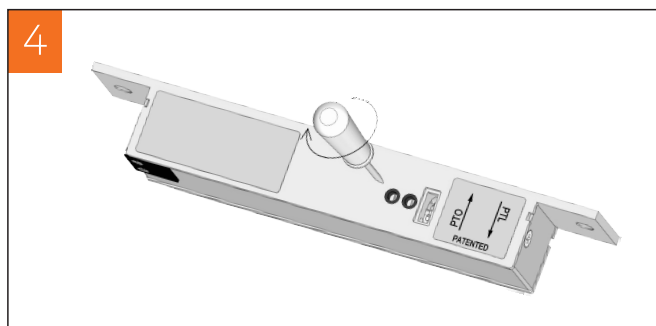
Remove the rubber cap to expose the capstan changeover wheel.



Fully loosen both the capstan release screws (screws are captured by the plastic gommet).



Insert a small screwdriver through the window. Turn the capstan wheel in the direction away from the strike keeper. (see arrow on sticker PTO). Turn the wheel until it hits the stop. The strike is now in Power to Open/Fail Secure mode.



Tighten the two capstan releasing screws. Replace the rubber cap to the close window.