PRODUCT FES15 SERIES
ELECTRIC STRIKE – RIM MOUNTED (SURFACE)

FES15 SERIES

PRODUCT DESCRIPTION

The patented RIM-Mounted, FES15 Series Electric Door Strikes are designed for pedestrian gate application or any other light commercial/ residential application where a RIM Mounted strike is required. They accept voltages of either 12 or 24VDC, are fire tested up to a 2 hour fire resistance rating to both Australian and British Fire Test Standards.

The strike are easily site-interchangeable Power To Lock (PTL) or Power To Release (PTR) by simply changing over the Barbell mechanism. The device comes with a 5 year warranty and has a holding strength of up to 1250kg. The FES15M version comes with Door Status Sensor (door latch monitoring) and the non-monitored FES15 version is weather resistant IP56 rated.

TECHNICAL DETAILS

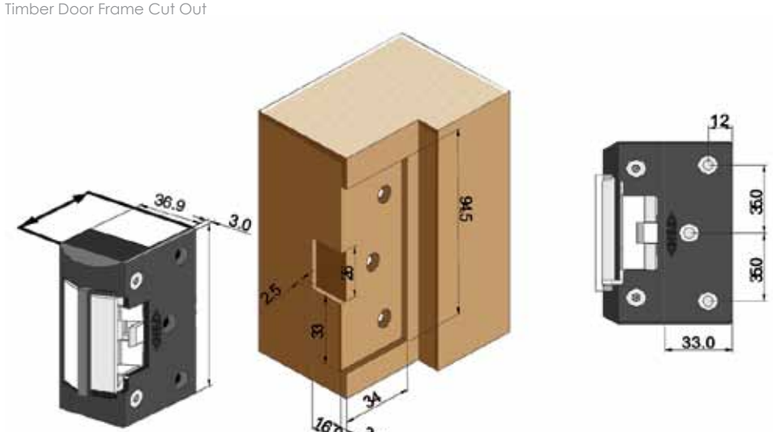
PART NO.	FES15M	FES15
FUNCTION	Surface mount electric strike for rim latch control	
HOLDING STRENGTH	Over 1252kg	
VOLTAGE/CURRENT	Dual voltage 12VDC/200mA 24VDC/100mA	
APPROVALS	2 hour fire rating	
MONITORING	Door latch monitoring Anti Tamper monitoring	Non monitored
IP RATING	N/A	Weather resistant IP56

PRODUCT FEATURES

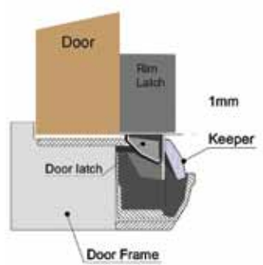
- Barbell mechanism for easy change of locking function
- Low power consumption
- Weather resistant IP56 (FES15 non monitored only)
- Superior holding strength of up to 1250kg
- 5 year warranty
- 12 or 24VDC operation
- Surface mount for RIM-Locks

PRODUCT DIMENSIONS AND INSTALLATION

Timber Door Frame Cut Out



Mechanical Door Lock Configuration



ORDER DETAILS

PART NO.	PRODUCT DESCRIPTION
FES15M	Electric Strike RIM-Mounted
FES15	Electric Strike RIM-Mounted weather resistant IP56

FES15M/ FES15 ELECTRIC STRIKE

DOOR LATCH POSITION

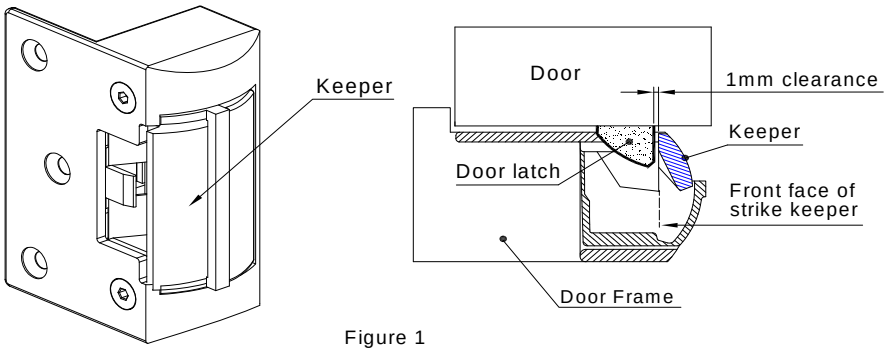


Figure 1

As shown in Fig.1, there should be a 1mm gap between the door latch and the front face of strike keeper to prevent the door from exerting pressure on the keeper when door is closed.

MOUNTING STEPS OF STRIKE

1). Position the strikes against the frame, mark and drill the hole sizes as shown on Figure 2 and 3.
2). Drill cable exit hole on door frame.
3). Make sure electrical connections are followed correctly.
4). When the door is closed, ensure that there is no pressure on the front face of strike keeper.

Power Input	**12 VDC – current 200 mA** **24 VDC – current 100 mA** **Note: Select from prewired assembly to use plugs.** **There is no polarity on power input.**		
Wire output	**12 Volt plug:** RED BLUE YELLOW BLACK 12 VDC/ 200 mA **24 Volt plug:** RED BLUE YELLOW BLACK 24 VDC/ 100 mA		
DSS (Door Status Sensor)	**Black (Common)**	**Blue (Normally Open)**	**Orange (Normally Close)**
DSS contact rating	**Max. current 100mA** **Max. voltage 30VDC**		

INSTALL ON TIMBER DOOR FRAME

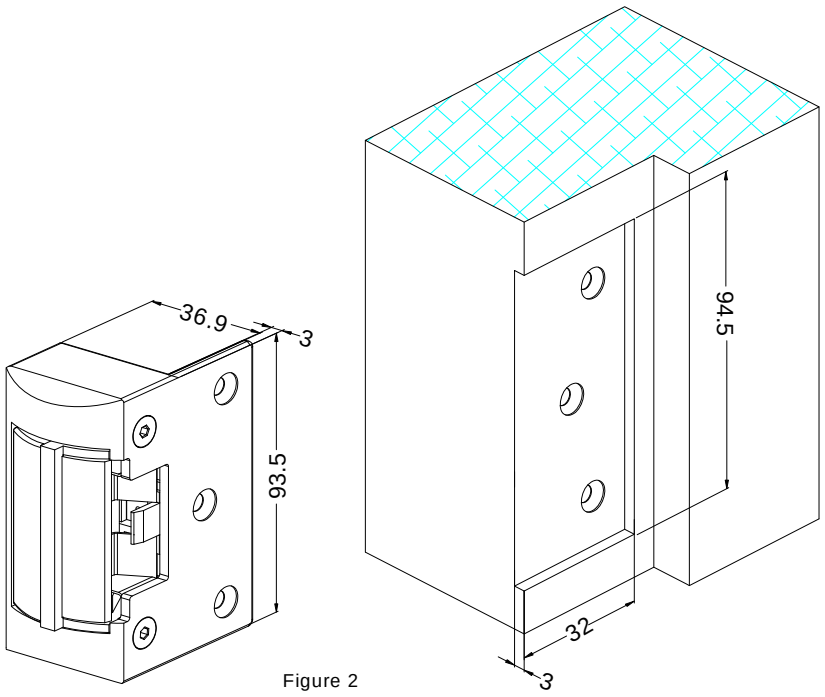


Figure 2

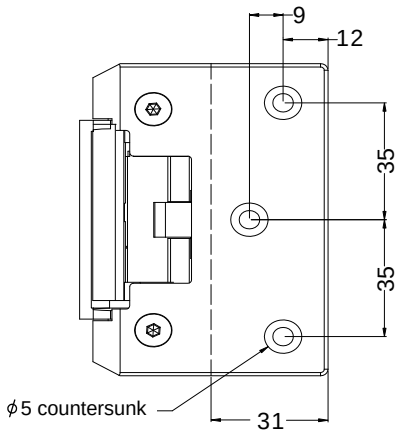


Figure 3

CONVERSION:
POWER TO LOCK <=> POWER TO OPEN

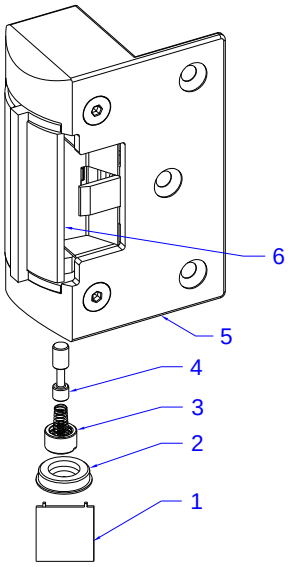


Figure 4A

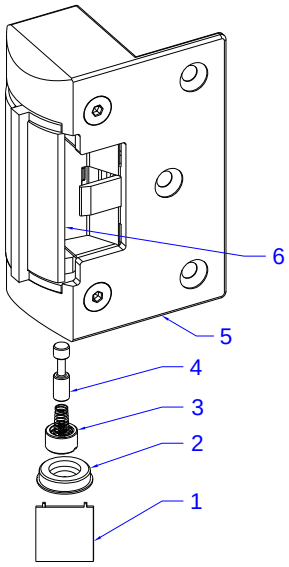


Figure 4B

WARNING: Do not attempt to swivel the keeper while changing function. The spring screw must be in place before operating the strike.

Procedures to convert Power to Open (Figure 4B) to Power to Lock (Figure 4A):

Step 1: Remove the security plug cover**(2)** with the provided security screw**(1).**

Step 2: Remove the spring screw**(3)** from the opening hole.

Step 3: Remove the Barbell **(4)** and replace in reverse position with long part in and short part out.

Step 4: Replace the spring screw**(3)** .

Step 5: Refit the security plug cover**(2)** .

Procedures to convert Power to Lock (Figure 4A) to Power to Open (Figure 4B):

Step 1: Remove the security plug cover**(2)** with the provided security screw**(1).**

Step 2: Remove the spring screw**(3)** from the opening hole.

Step 3: Remove the Barbell **(4)** and replace in reverse position with short part in and long part out.

Step 4: Replace the spring screw**(3)** .

Step 5: Refit the security plug cover**(2)** .