

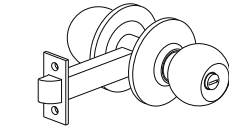
Specifications

The strike is polarity insensitive

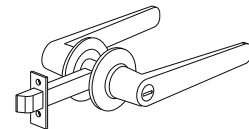
The FES1665 Series of electric strikes are designed for use with cylindrical locksets and accommodate latchbolts up to 3/4" throw. The strikes can be configured to fail-safe or fail-secure on site.

Operating Voltage	12/24VDC
Current Draw	300mA/12VDC, 150mA/24VDC
Operating Temperature	For indoor use: + 14°F to + 120°F (-10°C to + 49°C) For outdoor use: -31°F to +151°F (-35°C to + 66°C)
Humidity	0% to 85% Non-condensing
Latch Throw	3/4"(19mm) maximum
Keeper Width	1 7/16" (36mm)
Static Strength	1500 lbs (680Kg)
Dynamic Strength	70 ft-lbs
Endurance	250,000 cycles (UL tested) 1,000,000 cycles (Factory tested)
Performance Level	Destructive Attack: Level 1 Line Security: Level 1 Standby Power: Level 1 Endurance: Level IV

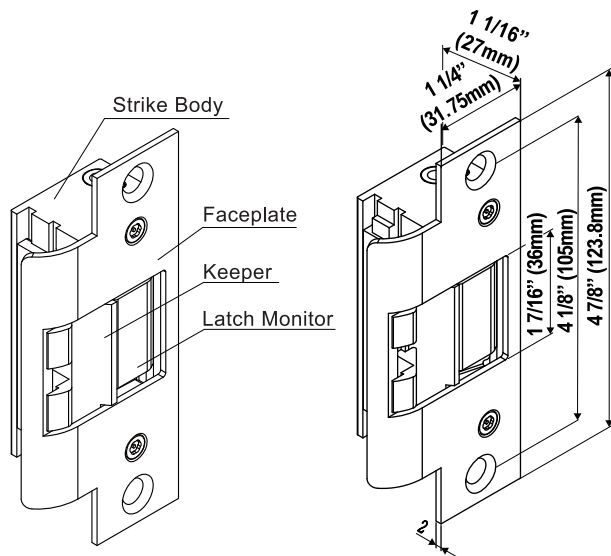
Model	Latch Monitor	Body Construction	Application	Latch Throw
FES1665	—	Stainless Steel	UL1034 Outdoor	3/4" (19mm)
FES1665-M	●	Steel	UL1034 Outdoor	3/4" (19mm)



Cylindrical Knob Lockset



Cylindrical Lever Lockset

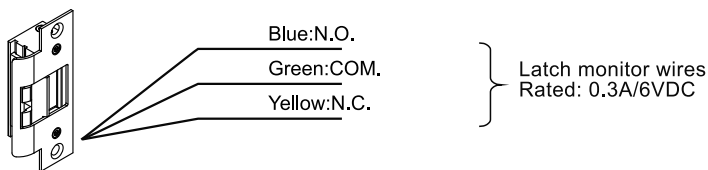


UL Requirements

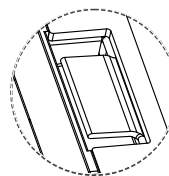
- Wiring methods shall be in accordance with NFPA70.
- The FES1665 Series is intended to be used with UL Listed Exit Hardware.
- The FES1665 Series shall not impair the intended operation of an emergency exit.
- The FES1665 Series shall not impair the operation of panic hardware mounted on the door.

Wiring Diagrams

(OPTIONAL) Latch Monitor



Latch Monitor

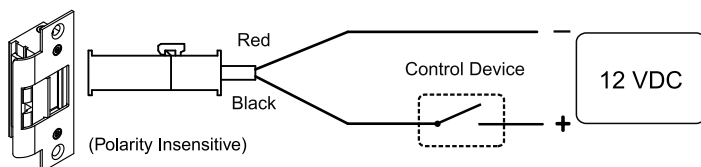


N.O. dry contact output:
opened status
N.C. dry contact output:
when the micro switch is pressed by
latch bolt.

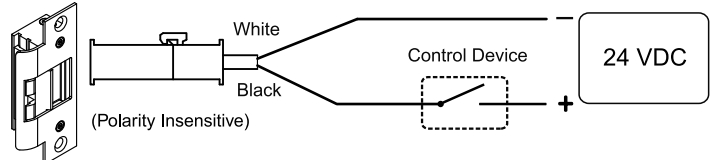
N.C. for "Fail-Safe" Operation
N.O. for "Fail-Secure" Operation

Dual Voltage (12V/24V)

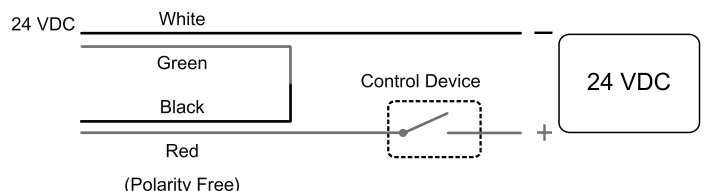
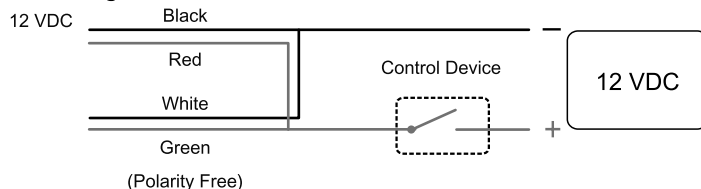
For 12VDC Operation:



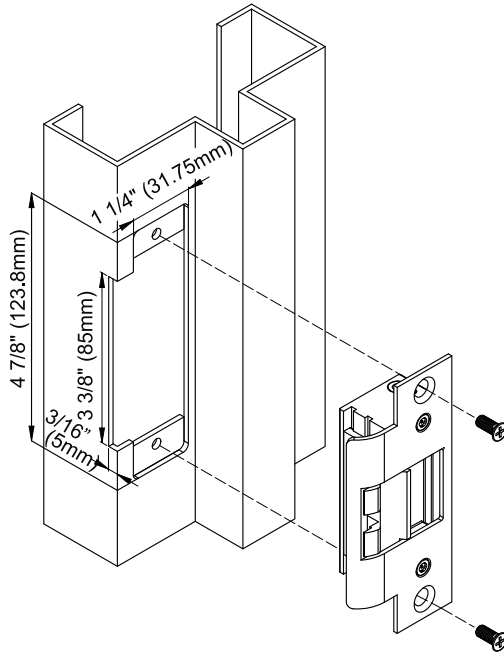
For 24VDC Operation:



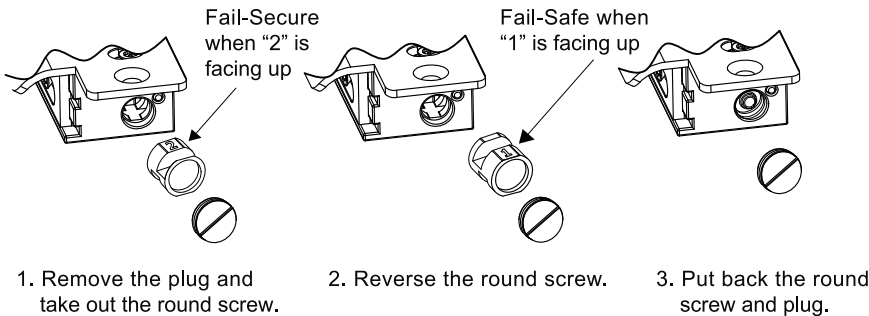
Dual Voltage



Installation on Hollow Metal Frame:

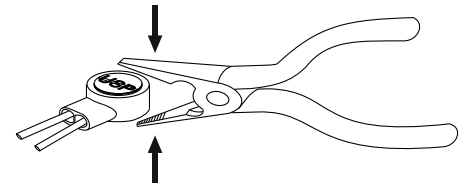


Fail-Safe / Fail-Secure Reversible



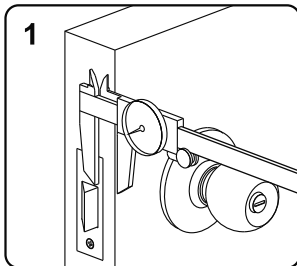
**Factory default setting is Fail-Secure.*

Installing the Crimp Connectors

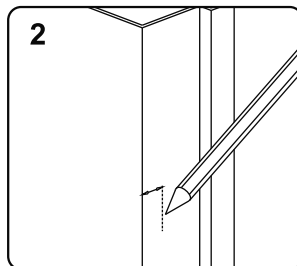


Place the wire inside the connector and use pliers to press down on the head of the connector evenly.

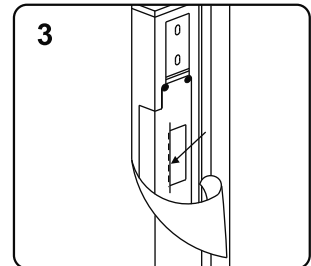
Installation Steps



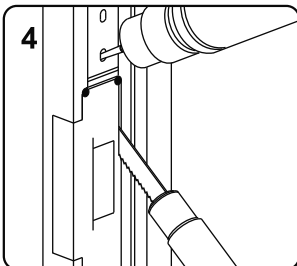
Measure the vertical and horizontal position of the latch bolt on the door leaf.



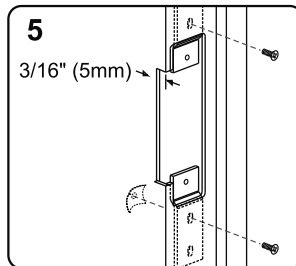
Mark the position of the latch bolt on the door jamb as shown in figure.



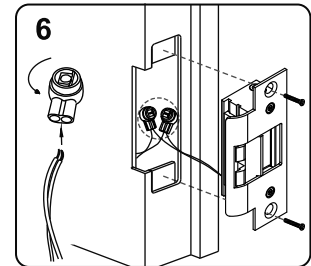
Align the installation template to the marked line.



Drill and cut the frame according to the template.



Install the mounting tabs.



Connect to the power and test the electric strike before finally mounting the unit.



Note

Please ensure that there is no back pressure on the keeper from the latch. As with most strikes this may cause the strike to bind and malfunction. It could also cause undo pressure on the solenoid and eventual failure of the strike.