



Auto-Set® Retrofit Operator

Retrofit most rolling fire doors / shutters

No more guillotine effect

Easy drop testing with automatic resetting

Low cost with easy installation

Auto-Set® FS-EP Series

Power Motor Operator Standard Features



Power motor operator

- Easy trip test & automatic reset
- Failsafe closing device
- Controlled, safe rate of descent
- UL Listed and FM Listed
- Compact size & light weight
- Easy installation
- 10-second time delay on power failure
- Time Delay on Reverse
- Failsafe release device for fire alarm connection
- Automatic power open after fire alarm clears
- Preset selectable safety edge reversing cycles
- Safety terminals for sensing edge or photo eyes
- Pre-wired for door moving warning signal

Power Motor Operator Specification

Input Power

- 115, 230VAC, 1 phase, 60Hz
- 208 / 230, 460, 3 phase, 60Hz

Motor

- High starting torque motor 115, 230VAC, 1 phase TENV with overload protection
- High starting torque motor 208 / 230, 460, 3 phase TENV with overload
- Auto reset thermal protector

Standard Control Functionalities

- On board Open, Close, Stop button
- Constant / Momentary Close Switch
- Door moving warning signal 24VDC
- External radio control connections
- External power input 24VAC / VDC, 2A
- Alarm gravity close
- Alarm warning signal output 24VDC
- Door moving warning signal output 24VDC
- Auto open after alarm clears (selectable)
- Close override when entrapment protection device short circuits
- External N/O sensing devices connecting points
- Selectable (0,1,3) on sensing edge reverse cycles
- Wireless sensing edge applicable

- On board selectable sensing device type
- Power failure delay to close 10 seconds
- Alarm delay selection (0 -10 seconds)

Structure

- Linear drive system
- Gear box and solenoid actuated brake

Environmental

- Operating Place - Indoor use only
- Minimum Operating Temp. -5°C, 23°F non-icing
- Maximum Operating Temp. +50°C, 122°F
- Humidity < 85% non-condensing

Also available in hand crank and hand chain models.



Hand crank operator



Hand chain operator

Significant Benefits to Building Owners

- Economical — Saves the cost of replacing an existing non-functional fire door
- No ladders, tools or special training required for drop testing or resetting
- Safe, controlled rate of descent of 150mm - 230mm per second during the self-closing mode
- Automatically resets itself after being drop tested
- Multiple fire doors can be drop tested and reset simultaneously
- Factory Mutual tested for 525 consecutive drop tests and 50,000 operational cycles
- Available in hand chain, hand crank and motor operated designs

