



Fire Door Motor Operators STANDARD CONSTRUCTION

"Easy -Reset" Fire Doors & Counter Fire Doors

Models FGH & FGRL fire door motor operators include the following features:

- UL Listed (UL325-2010 Compliant)
- High efficiency in-line gear reducer
- Low profile design with horizontal front of coil mounting
- Solid-state control board
- On-board open-close-stop buttons
- On-board non-resettable cycle counter
- On-board reclose timer option
- Provisions for connection of monitored & non-monitored sensing devices (multiple monitored sensing devices optional)
- Selectable constant or momentary pressure open & close
- External radio control receiver connections
- 24 volt control circuit
- Overload protection
- Adjustable linear driven limit switches
- 3-button open-close-stop wall mount control station
- NEMA 1 enclosures

Model FGH (FG when over 2 hp) – "Easy-Reset" In-line Gear Drive Fire Door Motor Operator with Auxiliary Hoist

- For all fire doors in standard cycle usage (up to 50,000 cycles - not exceeding 30 cycles per hour) or high cycle usage (up to 100,000 cycles - not exceeding 30 cycles per hour) applications
 - Provides automatic closing without a loss of spring tension and eliminates the need for traditional mechanical reset – simply reconnect the fusible link cable and activate the open control to easily reset the door
 - Fusible link activation of internal release and governor controlled closing
 - Average operating speed of 6" to 8" per second
 - TENV motor
 - Solenoid actuated disc brake
 - Delay on reverse function (*requires door be provided with a sensing edge*)
 - Interlocked chain hoist for emergency operation (up to 2 hp)
 - 1/2, 1, 1 1/2, 2, 3, 5 and 7 1/2 hp
 - 115v-1ph, 208/230v-3ph, 460v-3ph (2 hp recommended to be 3ph, 3 to 7 1/2 hp available in 3ph only)
- NOTE: Consult factory for other voltages and 50hz operators

Model FGRL – "Easy-Reset" In-line Gear Drive Counter Fire Door Motor Operator with Internal Lock Sensor

- For all counter fire doors in standard cycle usage applications not exceeding 30 cycles per hour
 - Provides automatic closing without a loss of spring tension and eliminates the need for traditional mechanical reset – simply reconnect the fusible link cable and activate the open control to easily reset the door
 - Fusible link activation of internal release and governor controlled closing
 - Average operating speed of 6" to 8" per second
 - TENV motor
 - Solenoid actuated brake
 - Internal lock sensor to stop opening of door upon sensing that locks are engaged
 - 1/3 hp
 - 115v-1ph
- NOTE: Consult factory for other voltages and 50hz operators

NOTE: Remaining inventories of some pre-UL325-2010 operators may be used to fill orders until stock is depleted. If a UL325-2010 compliant operator is specifically required, please specify at the time of order.

Per the requirements of UL Standard 325, commercial door operators must be provided with an actuating device requiring constant pressure to close the door. As an alternative, the door may be provided with a monitored sensing device that will reverse the door upon sensing an obstruction during closing.



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Fire Door Motor Operators STANDARD CONSTRUCTION

"Auto -Reset" Fire Doors & Counter Fire Doors

Model FS fire door motor operators include the following features:

- UL Listed (UL325-2010 Compliant)
- High efficiency in-line gear reducer
- Low profile design with horizontal front of coil mounting
- 24 volt control circuit
- Provisions for connection of monitored & non-monitored sensing devices (multiple monitored sensing devices optional)
- Overload protection
- Adjustable linear driven limit switches
- 3-button open-close-stop wall mount control station
- NEMA 1 enclosures

Model FS – "Auto-Reset" In-line Gear Drive Fire Door / Counter Fire Door Motor Operator

- For fire doors and counter fire doors in standard cycle usage (up to 20,000 cycles - not exceeding 15 cycles per hour) or occasional usage (up to 10,000 cycles - not exceeding 15 cycles per hour) applications - *FS 1/3 hp is suitable for use on counter fire doors*
- Provides automatic closing without a loss of spring tension and eliminates the need for traditional mechanical reset – simply restore power/clear alarm and activate the open control to automatically reset the door
- Alarm and fusible link (when required) activation of internal release and governor controlled closing, or
- Motor controlled closing upon alarm activation (*requires door be provided with a monitored sensing edge – power must be present and sensing edge must be functioning properly*)
- Time delayed failsafe closing through internal release and governor upon a loss of power, or upon alarm activated motor controlled closing if monitored sensing edge is not functioning properly
- Battery back-up to prevent door closing due to loss of power, obstruction sensing/cycling function upon alarm, and audible/visible warnings are available options
- Average operating speed of 6" to 8" per second
- TENV motor
- Solenoid actuated disc brake
- Delay on reverse function (*requires door be provided with a sensing edge*)
- 1/3, 1/2, 3/4, 1 1/2 hp (consult factory for availability of larger units)
- 115v-1ph, 230v-1ph, 208/230v-3ph, 460v-3ph

NOTE: Remaining inventories of some pre-UL325-2010 operators may be used to fill orders until stock is depleted. If a UL325-2010 compliant operator is specifically required, please specify at the time of order.

Per the requirements of UL Standard 325, commercial door operators must be provided with an actuating device requiring constant pressure to close the door. As an alternative, the door may be provided with a monitored sensing device that will reverse the door upon sensing an obstruction during closing.



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