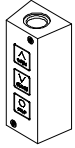
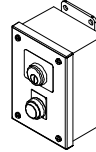


Controls



Push-Button

3-button open-close-stop control, surface or flush mount, interior or exterior enclosures - available with mortise cylinder key lockout



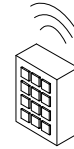
Key Station

Key operated open-close control with stop button, surface or flush mount, interior or exterior enclosures - mortise cylinder available with special keying/cores



Radio Control Transmitter / Receiver

Wireless single or multiple button hand-held transmitter with receiver (wired to motor operator) to open and close the door - *REQUIRES the door be provided with a monitored sensing device*



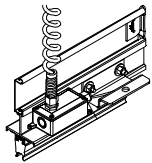
Digital Keypad

Wireless digital keypad transmitter, surface mount, interior/exterior enclosure, with receiver (wired to motor operator) - or hard-wired wall/pedestal mount unit - to open and close the door - *REQUIRES the door be provided with a monitored sensing device*

Per the requirements of UL Standard 325-2010, 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.

Monitored Sensing Devices

CONTACT TYPE SENSING DEVICE



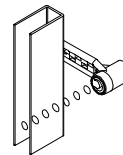
Electric Sensing Edge (A2525-LM / A1525-M)

Extruded rubber dual-chamber profile with integral isolated conductive elastomer switches terminated end-of-line that compress when contacting an obstruction to signal the motor operator to reverse the door (*available as a non-monitored device when used in addition to a monitored photoeye*)

NOTES:

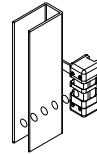
1. The use of multiple monitored devices (sensing edge and photoeye) is recommended to provide a higher level of protection.
2. Photoeyes must be installed 6 inches above the floor when they are the primary monitored sensing device (cannot be the primary device on doors over 35 ft. wide).
3. If a UL 325-2010 compliant motor operator detects a fault condition in the monitored sensing system, it causes a closing door to return to the fully open position, and automatically changes to a constant pressure close function to allow temporary operability until the fault condition is repaired.

NON-CONTACT TYPE SENSING DEVICE



Optical Photoeye Sensor (FOPE)

Emitter/receiver unit at each side of the door senses an obstruction between the optics and signals the motor operator to reverse the door (*requires connection to the motor operator from both sides of the door*).

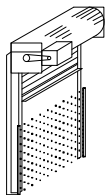


Reflective Photoeye Sensor (FRPE)

Emitter on one side of the door, reflector on the opposite side, senses an obstruction between them and signals the motor operator to reverse the door (*requires connection to the motor operator from the emitter side only*).

Photoeyes are also available as non-monitored devices when used in addition to a monitored sensing edge.

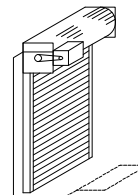
Non-Monitored Sensing Devices



Light Curtain

70" high-40 beam emitter/receiver unit at each side of the door, senses an obstruction between the optics and signals the motor operator to reverse the door (*requires connection to the motor operator from both sides of the door*).

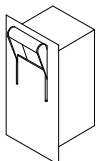
In some cases, a light curtain can function as a monitored device.



Vehicle Loop Detector

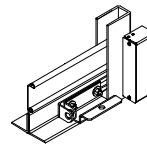
Rectangular shaped in-ground wire loop detects vehicles near or on the loop and signals the motor operator to either open, hold open, close, or reverse the door (*multiple loops can be utilized to provide multiple functions*)

Accessories



Egress Device

Flush mount enclosure with extended handle to activate partial opening of an unlocked grille or closure for emergency exit (*available with MGRL/MGRL-H and MGH motor operators - grille/closure must have springs designed for egress function*)



Guide Mounted Interlock

Electrical interlock switch mounted to door guide(s) to prevent motor operator from opening door with locks engaged (*not required on MGRL/MGRL-H and FGRL motor operators with internal lock sensor*)

Modifications

- Extra open/close limit switches
- Audible, visual & voice warning devices
- Non-resettable cycle counter
- Battery back-up
- Adjustable re-close timer
- Programmable 7 day timer
- Timer defeat switch
- Remote/wall mount control panel
- NEMA 4 (water, oil and dust tight)
- NEMA 4X (corrosion resistant)
- NEMA 7/9 (hazardous area "explosion proof")
- NEMA 12 (oil and dust tight)

NOTE: All devices - unless shown as being wireless - require connection to the motor operator.



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