

Controls



Push-Button

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



Key Station

Key operated control station (open-close with stop button) in surface or flush mount interior or exterior enclosures



Transmitter / Receiver

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



Digital Keyless

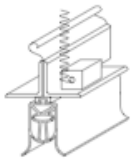
Wireless digital keypad transmitter in surface mount interior/exterior enclosure with receiver (wired to motor operator) to open and close door, or hard-wired wall/pedestal mount unit - *REQUIRES door be provided with a sensing edge*

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

Sensing Devices

Contact type sensing devices to stop/reverse door upon contact with an obstruction

Non-contact type sensing devices to stop/reverse door upon sensing an obstruction



Electrical Sensing Edge

Extruded rubber dual chamber profile with integral isolated conductive elastomer switches that compress upon contact with an obstruction and signal the motor to stop/reverse - available as a monitored ("failsafe") device to prevent the door from closing if the system fails

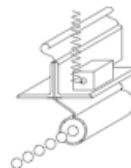
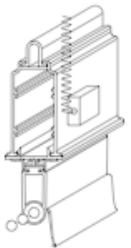


Photo-Optic Sensing Edge

Vinyl bottom bar edge and flaps with internal emitter/receiver eyes optically sense an obstruction between them and signal the motor operator to stop/reverse



Optical Sensing Edge

Extruded rubber hollow profile with internal optics based on pulsed infrared light that sense an obstruction when the edge compresses and signals the motor operator to stop/reverse - available as a monitored ("failsafe") device to prevent the door from closing if the system fails



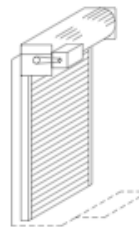
Photo-Electric Sensor

Light sensor and reflector at each side of opening senses an obstruction between them and signal the motor operator to stop/reverse



Wireless Sensing Edge

Transmitter/receiver system to eliminate the cord connection from a non-monitored sensing edge to the motor operator



Vehicle Loop Detector

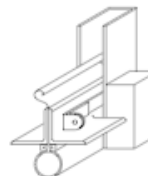
Rectangular shape in-ground wire loop to detect vehicle near or on loop and signal the motor operator to stop/reverse, open, or close

Accessories



Emergency Egress Device

Flush mount enclosure with ADA (extended) handle to activate partial opening of an unlocked grille for emergency exit - available with MGRL/MGRL-H motor operators only



Guide Mounted Interlock

Electrical interlock switch to prevent opening of door with locks engaged - not required with MGRL/MGRL-H motor operators with internal lock sensor

Modifications

- Extra limit switches
- Audible/visual warning devices
- Non-reset cycle counter
- Long distance low-voltage module
- Adjustable re-close timer
- Programmable 7 day timer
- Timer defeat switch
- Wicket door interlock
- NEMA 4 (water, oil and dust tight)
- NEMA 4X (corrosion resistant)
- NEMA 7/9 (hazardous area "explosion proof")
- NEMA 12 (oil and dust tight)



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