



In or Out...we make it Easy!®

Enhanced Security



EW8310

For single Outswinging perimeter doors
2-1/8"D x 2-7/8"H x 10-13/16"L
(54mm x 73mm x 275mm)

Features & Benefits

- Built-in sensor will activate a local and/or remote alarm upon attempted forced entry – before the door has been compromised
- Unique highly visible "Red/Green" light panel indicates status of door (local)
- Built-in Security Condition Sensor (SCS) feature indicates that the door is closed, bonded and that the Electromagnetic Lock is functioning normally
- Dry contact relay switching (SPDT and DPDT) provided for local and/or remote alarm monitoring
- Auto sensing voltage from 12 to 24 VDC
- Up to 1200lbs (540kg) holding force
- Low voltage detection
- Nuisance delay feature accomodates accidental triggering
- MOV surge protection
- Standard 8310 MultiMag® features
- Brushed Anodized Aluminum finish

Early Warning Electromagnetic Lock

The EW8310 is more than an Electromagnetic lock, it can also sense when an intruder is attempting to gain access into a building through a locked door. The patented built-in sensor detects attempted forced entry and activates a local and/or remote alarm prior to the integrity of the door being compromised; well before the break-in has occurred.

An alarm in the immediate location will ward off would be thieves before they have a chance to gain access. The light panel provides highly visible information related to the status changes of the door. For example, it works as a status indicator when the door is secure or notifies if an attempted break-in has occurred.

Highlights

- Patented built-in sensor detects attempted forced entry
- Unique, highly visible light panel
- 10 year warranty

Applications

- Commercial
- Office Complexes
- Government
- Health Care facilities
- Airports
- Museums and galleries
- Industrial Mall Complexes

Optional Accessories

- Spacers
- Angle Brackets
- "L" Brackets
- Filler Bars
- Power Supply
- Key Switch
- External Sounder



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NOTE: Specifications are subject to change without notice.

Specifications	EW8310
Housing Dimensions	2-1/8"D x 2-7/8"H x 10-13/16"L (54mm x 73mm x 275mm)
Armature Plate Dimensions	5/8" D x 2-3/8" H x 7-7/16"L (16mm x 60mm x 189mm)
Voltage	Auto sensing voltage 12 to 24 VDC Tolerance ±10%
Power/Current Requirements	Max 0.58A @ 12VDC Max 0.29A @ 24VDC
Holding Force	Up to 1200lbs (540kg) pounds
Certification	cULus Listed GWXT Auxiliary Locks Patent pending
Operating Temperature	Circuit board operating temperature 14°F to 140°F (-10°C to 60°C)

NOTE: RCI recommends frame reinforcement and our filtered, regulated DC voltage 10 Series power supplies.

	Feature and Function Descriptions
Nuisance Delay	This feature is designed to accommodate accidental triggering. A pull to the door with a minimum of 55lbs of force changes the light panel from green to red and triggers the local alarm relay. If the pressure is withdrawn within 4 seconds, the system will return to normal.
30 Second Alarm Period	If pressure on the door is maintained for more than 4 seconds, the remote alarm relay will activate, the local alarm relay remains on and the light panel continues to flash red. After 30 seconds, the local and remote alarm relay will return to normal, but the light panel will continue to blink indicating an attempted break-in has occurred until reset.
Light Panel	This full length feature is a highly visible red and green status indicator.
Supplementary Sounder	An external alarm device may be connected to pulse during the 4 second nuisance delay and sound steady during the 30 second remote alarm period.

NOTE: All installations must be approved by the Local Authority Having Jurisdiction (AHJ)

RCI also offers a complete line of Electromagnetic Locks, Electric Strikes, Power Supplies, Switches, Keypads & Readers, Exit Devices, Systems & Door Hardware.