

Electromagnetic Locks

Indoor GEM Series

New Style Mounting Plate Design and Patented



The GEM series electromagnetic locks use a new style mounting plate and patented. The mounting plate is designed with increased thickness for the screw hole at each end to provide the lock body with more immobility and strength. The GEM series can be installed on various types of doors or door frames with optional auxiliary mounting brackets.

Standard Features

- Reversible installation (For unmonitored model)
- New style mounting plate with increased immobility (Patented)
- Aluminum anodized casing (US28)
- MOV prevents spike and surge current
- Dual voltage 12/24VDC field selectable
- No residual magnetism

Standard Options

- Configurable large or square visible red / green LED for better visibility
- Built-in bond sensor and door status sensor
- Bi-color status LED indicator
- Relock time delay
- Buzzer alarm

Patents, Approvals, and Listings

- UL 10B, UL10C, ULC S104 listed : R21198
- NF S 61-937 Compliant (For unmonitored models)

Indoor GEM Series Electromagnetic Locks

Models	Holding Force (lbs)	Voltage (VDC)	Standard Options	Optional Brackets				
				Narrow Frame/ Outswing Door	Inswing Door		Frameless Glass Door	
Single Magnet								
GEM-300	300	12/24	M	L-GEM-300	LZ-GEM300	—	—	
GEM-600 	600	12/24	M, ML,MTD, MDS, MDS-TD	L-GEM-600 L-GEM-600AU	LZ-GEM-600 LZ-GEM-600AU	Z-GEM-600	UBK-300G-L UBK-300G-Z UBK-300G-LZ	
GEM-800 	800	12/24	M,ML, MTD, MDS, MDS-TD, MTD-LD MDS-TD-LD, MBZ	L-GEM-800 L-GEM-800AU	LZ-GEM-800 LZ-GEM-800AU	Z-GEM-800	—	
GEM-1200 	1200	12/24	M, ML,MTD, MDS, MDS-TD, MTD-LD MDS-TD-LD, MBZ, MDS-BZ	L-GEM-1200 L-GEM-1200AU	LZ-GEM-1200 LZ-GEM-1200AU	Z-GEM-1200	—	
Double Magnets								
GEM-D600 	600 x 2	12/24	M,ML, MTD, MDS, MDS-TD	L-GEM-D600 L-GEM-D600AU	LZ-GEM-D600 LZ-GEM-D600AU	—	—	
GEM-D800 	800 x 2	12/24	M, ML,MTD, MBZ	L-GEM-D800 L-GEM-D800AU	LZ-GEM-D800 LZ-D800AU	—	—	
GEM-D1200 	1200 x 2	12/24	M, ML,MTD, MDS, MDS-TD, MBZ	L-GEM-D1200 L-GEM-D1200AU	LZ-GEM-D1200 LZ-GEM-D1200AU	—	—	

Notes:

Standard models are all unmonitored

M: Bond sensor & Bi-color status LED indicator

ML: Bond sensor & Bi-color square LED indicator

DS: Door status sensor

TD: Relock time delay

BZ: Buzzer alarm

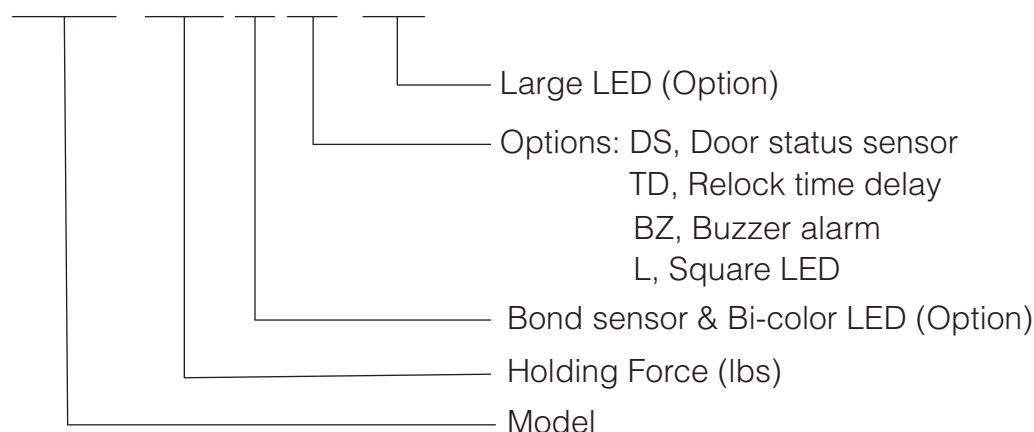
LD: Configurable large and visible red/green LED for better visibility

M, **DS**, and **MDS** options passed UL Fire Tests of Door Assemblies.

*See page 22 for more information about using auxiliary mounting brackets on frameless glass doors/walls.

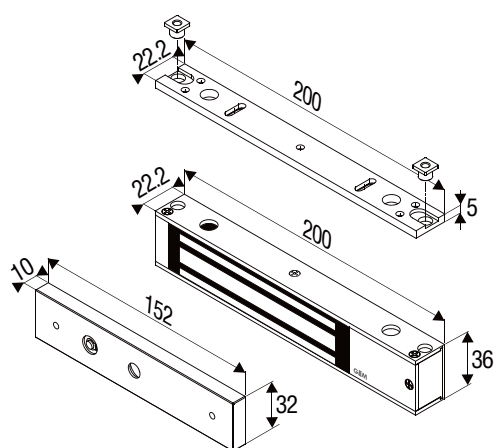
How to Order:

GEM-800MTD-LD

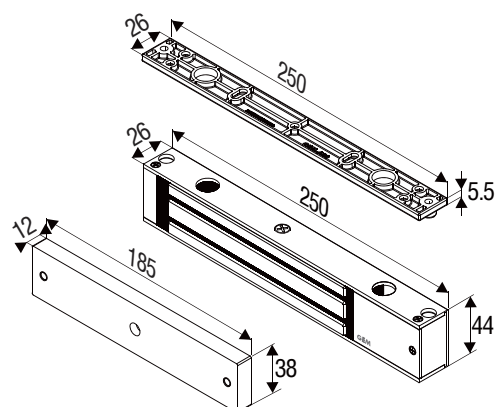


Indoor GEM Series Dimensions

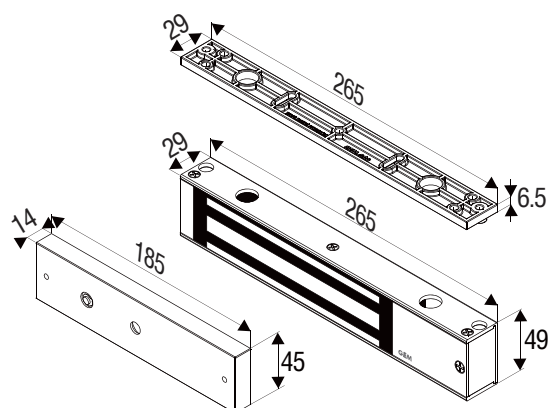
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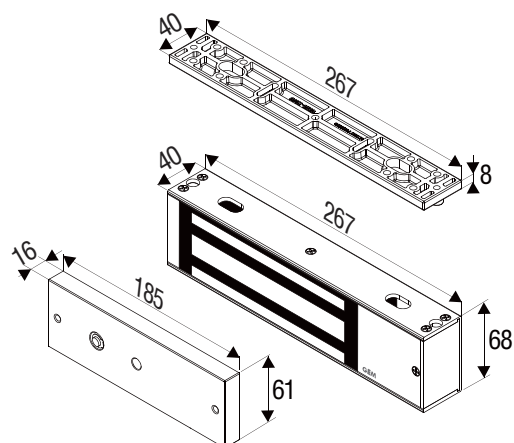
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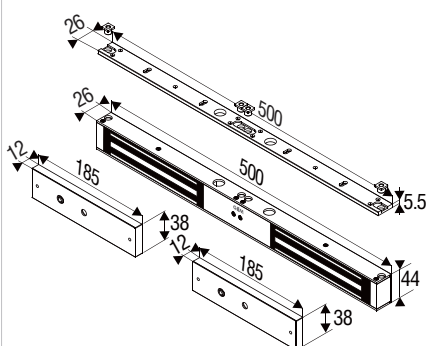
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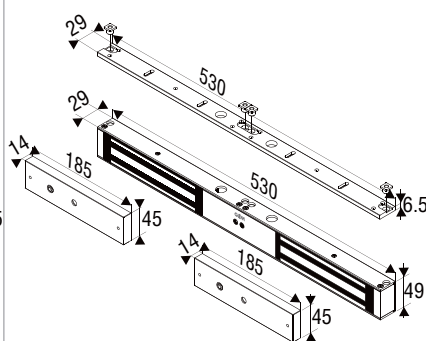
GEM-1200



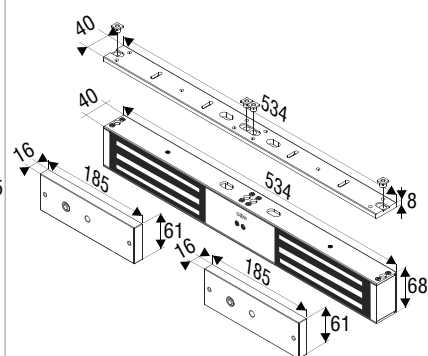
GEM-D600



GEM-D800



GEM-D1200



All dimensions in mm