

Electromagnetic Locks

Indoor Series



This indoor electromagnet series features UL10C and UL294 for all models as well as UL1034 for models 10001 and 10010-254. The new certifications reaffirm our pursue for the highest standards when it comes to quality and safety across our products. These locks are recommended for applications which require a high levels of access control or connection to fire alarm systems. Optional features such as bond sensor and door status output and time delay are available for certain models.

Standard Features

- High reliability
- Anodized aluminum casing
- MOV provides spike and surge protection
- Anti-Residual magnetism function
- Dual voltage 12/24 VDC field selectable

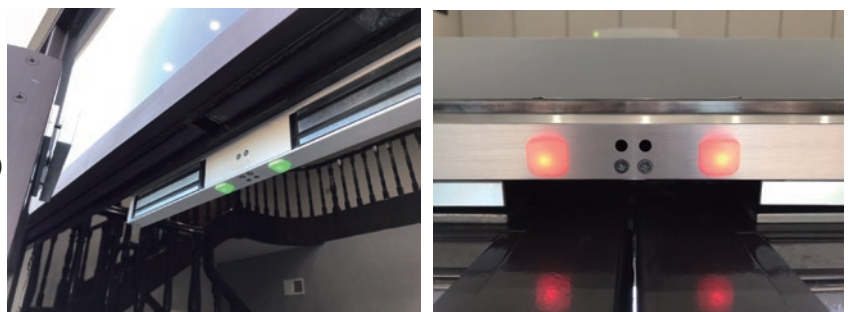
Standard Options

- Bond sensor output & Bi-color LED (for locked/unlocked status)
- Door status sensor (for open/closed status)
- Relock time delay (1-80 seconds)

Patents, Approvals, and Listings

- UL 294 listed
- UL 1034 listed
(For 10001, 10010-254)
- UL 10B, UL 10C, ULC S104 listed : R21198
- CE: EC270710 (10010-254 & 10060-254 Series)
EC270708 (10001 & 10004 Series)
EC270709-01 (10002 & 10005 Series)
EC270711 (10020-254, 10040-254 Series)

New Bi-Color Square LED Design



Indoor Series Electromagnetic Locks

Models		Holding Force	Current Draw	Bond Sensor LED	Door Status	Time Delay	Optional Brackets	
							Narrow Frame/Outswing	Inswing
Single Magnet								
10001		600	500mA/12VDC 250mA/24VDC	—	—	—	L-300 EM-10001L	LZ-300N EM-10001LZ EM-10001LZ-AU
10001DS			500mA/12VDC 270mA/24VDC	—	●	—		
10002				●	—	—		
10002DS				●	●	—		
10002TD				●	—	●		
10002DS-TD				●	●	●		
10010-254		1200	500mA/12VDC 250mA/24VDC	—	—	—	L-500	LZ-500N LZ-10010N-254
10010DS-254			500mA/12VDC 270mA/24VDC	—	●	—		
10020-254				●	—	—		
10020DS-254				●	●	—		
10020TD-254				●	—	●		
10020DS-TD-254				●	●	●		
Double Magnet								
10004		600 x2	500mA/12VDC 250mA/24VDC	—	—	—	L-300 (x2)	LZ-300N (x2)
10004DS			500mA/12VDC 270mA/24VDC	—	●	—		
10005				●	—	—		
10005DS				●	●	—		
10005TD				●	—	●		
10005DS-TD				●	●	●		
10060-254		1200 x2	500mA/12VDC 250mA/24VDC	—	—	—	L-500 (x2)	LZ-500N (x2)
10060DS-254			500mA/12VDC 270mA/24VDC	—	●	—		
10040-254				●	—	—		
10040DS-254				●	●	—		
10040TD-254				●	—	●		
10040DS-TD-254				●	●	●		

Notes: DS: Door status sensor

M: Bond sensor & Bi-color LED indicator

TD: Relock time delay

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10001



10002



10004



10005



10010-254



10020-254

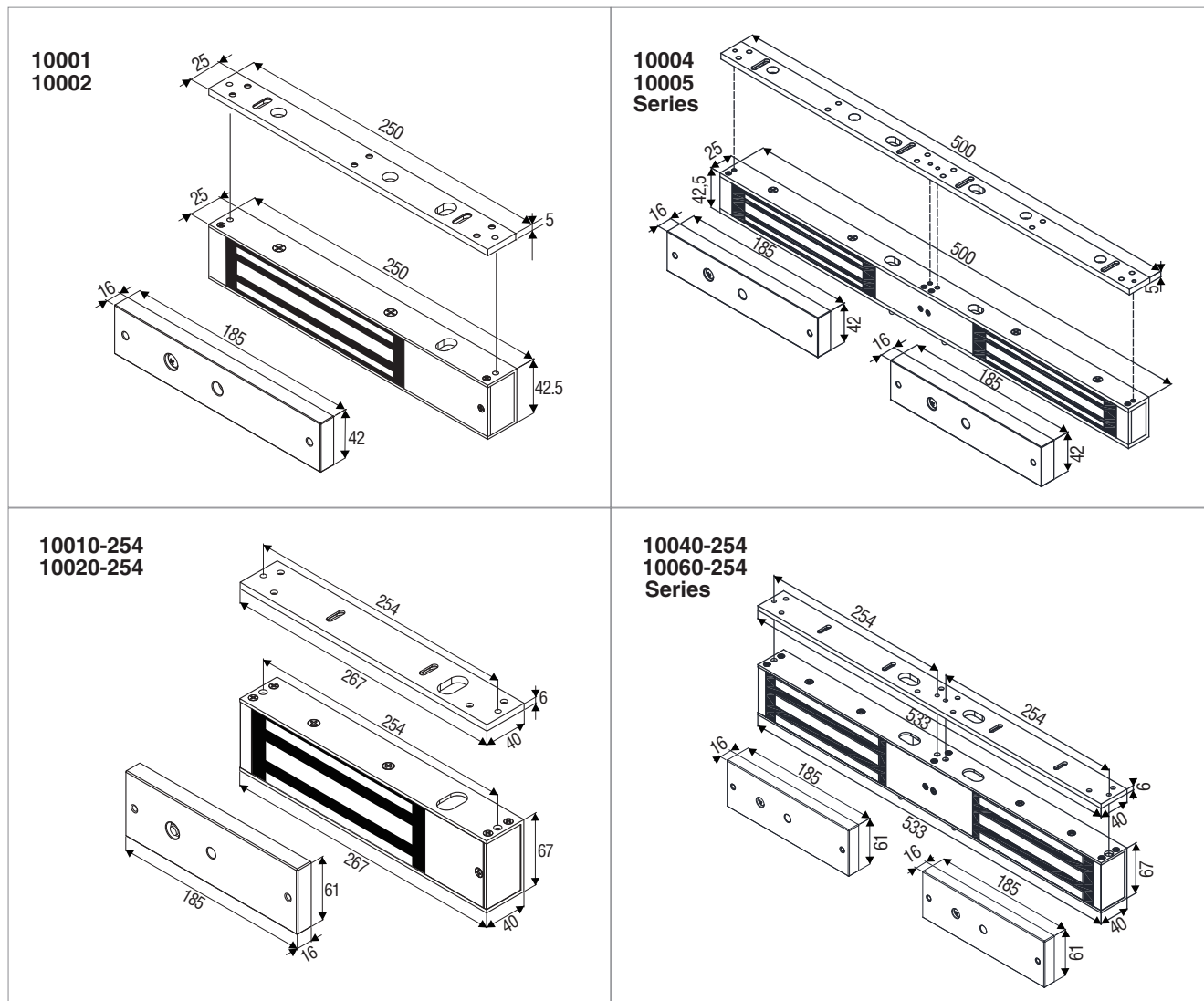


10060-254



10040-254

Dimensions



All dimensions in mm

Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 2 year from the date of sale to the original client. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.