



● Features

- High reliability
- Fail- safe operation (Power to Lock).
- Anodized aluminum housing.
- MOV provides spike and surge protection.
- Dual voltage 12 or 24 VDC (selectable).
- Anti-Residual magnetism designed

● Statement

The EM-600 are high quality and safety range of standard fail-safe electromagnetic locks that is simply, works well in order to effectively secure with doors. The EM-600 are surface mounted face to face locks offering up to 600 pounds holding force which this lock is recommended for applications which require higher levels of access and egress control and is suitable for fire doors and emergency exit doors. The EM-600 Series are designed for single doors and are suitable for out-swing applications.

● Specifications

- Voltage Tolerance: $\pm 15\%$
Current Draw: 500mA@12Vdc;250mA@24Vdc
-)at 20 degree centigrade(
Operating Temperature from -10 to 55 degree centigrade
- Humidity: 0~95% non-condensing.
- Holding Force: Up to 600 lbs (272 Kg)
- Dimensions:
- Magnet:(L) 250, (W) 42.5, (D) 25 mm
Armature Plate:(L) 185, (W) 38, (D) 12 mm
Mounting Plate:(L) 250, (W) 25, (D) 5 mm
- Finishes for magnet and armature plate: Zinc
- Epoxy Potting Compound: E87252 (S), UL94V-0
- Weight (Approx.): 2.0 Kg
- Magnetic bond sensor monitor output (SPDT rated 3A@12V DC), remotely monitors the door lock or unlock status.
- Status LED: Lights GREEN when the door is unlocked, lights RED when the door is locked.
- Automatic relocking time delay: 1~90 seconds.

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DM-CA-EM-600 Ver. A Published on 2009.02.11

● Operating Features

EM-600TD: Re-locking time delay

Relocking Time Delay Switch ensures the automatically turns to lock mode after the door is closed properly and it can be adjusted from 0 to 90 seconds.

● Optional Brackets

With LZ-bracket for in-swinging doors

LZ-EM-600

● Regular Installation

Magnet Armature
(On Power)

Unique Anti-Residual design

When the power is off, the holding force will be discontinuity and the bolt was installed in armature will pop out immediately. This design enables the door to be opened freely without any resistance.

● Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 5 year from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.



The products are manufactured under an ISO 9001 & QC 080000 Certified Quality Management Program environment back its product quality, performance and commitment to customer satisfaction.

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