

Electromagnetic Locks instructions

Factory Installed Options

M280 D GX

Function:

Type & Installation mode:

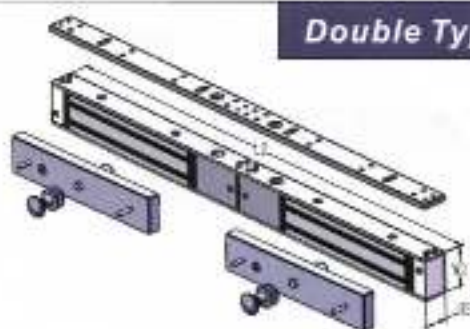
Magnetic lock Series:

- GX 0-18 sec. time delay
- F Lock Status Sensor: Indicates locked and unlocked. SPDT Dry, 3A @ 30VDC
- GX2 Adjustable Timer for Power On: Built-in field adj. 0-18 sec. re-lock delay.
- TF Adjustable Timer for Power On and Indicates locked and unlocked. SPDT Dry, 3A @ 30VDC
- BZ Alarm. Adjustable Timer for Power On and Indicates locked and unlocked. SPDT Dry, 3A @ 30VDC
- D Hanging Type & Double door
- Hanging Type & Single door
- A Mortise Mount Type
- 180/280/350/380/500

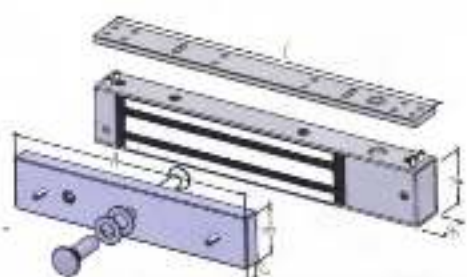
Hanging Type

Electromagnetic Locks Feature

Double Type



Single Type



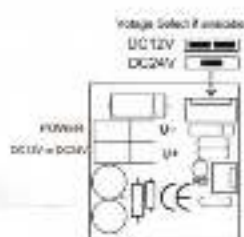
Double Type	Main body size L2xW2xH2(MM)	Armature size AxBxC(MM)	Working Current	Holding force
M180D	340x37x21	130x33x11	12V/420mA 24V/210mA	2x350Lbs
M280D	500x42x25	180x38x13	12V/480mA 24V/240mA	2x600Lbs
M350D	482x51x27.5	158x47x13	12V/410mA 24V/205mA	2x800Lbs
M380D	500x56x33	180x52x13	12V/430mA 24V/215mA	2x900Lbs
M500D	530x66x39	185x60x14	12V/480mA 24V/240mA	2x1200Lbs

Single Type	Main body size L2xW2xH2(MM)	Armature size AxBxC(MM)	Working Current	Holding force
M180	170x37x21	130x33x11	12V/420mA 24V/210mA	350Lbs
M280	250x42x25	180x38x13	12V/480mA 24V/240mA	600Lbs
M350	246x51x27.5	158x47x13	12V/410mA 24V/205mA	800Lbs
M380	250x56x33	180x52x13	12V/430mA 24V/215mA	900Lbs
M500	265x66x39	185x60x14	12V/480mA 24V/240mA	1200Lbs

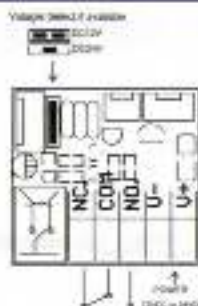
Hanging Type

Circuit board diagram

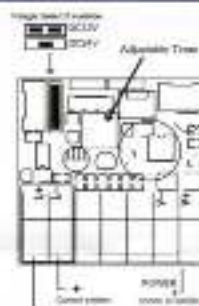
2 wires Factory Installed Options



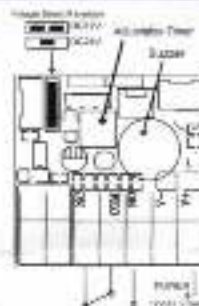
F Factory Installed Options



GX Factory Installed Options



GX2/TF/BZ Factory Installed Options



Hanging Type

Typical Door Applications



- L bracket
- Aluminum frame
- Aluminum & glass door
- Push side mounting



- Hollow metal frame
- Wood/hollow metal door
- Push side mounting



- Glass door mounting kit
- L brackets
- Metal or aluminum frame
- Glass door with top rail
- Push side mounting



- Split armature
- Hollow metal frame
- Wood or hollow metal doors
- Push side mounting



- Top jamb mounting kit
- Hollow metal frame
- Wood or hollow metal door
- Pull side mounting



- Hollow metal frame
- Wood or hollow metal doors
- Push side mounting



- HDB Glass door mounting kit
- L bracket
- Metal or aluminum frame
- Glass door without top rail
- Push side mounting



- Full width architectural housing
- Specify length (760mm, 814mm, 1018mm, 1219mm)
- Aluminum frame
- Aluminum & glass door
- Push side mounting



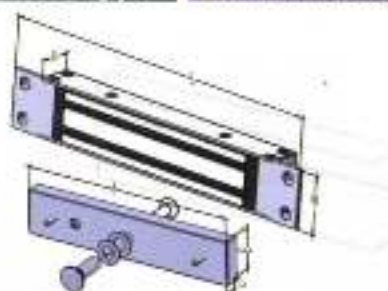
- L bracket
- Aluminum frame
- Aluminum & glass doors
- Push side mounting

Standard Mounting Fasteners

Self Drilling & Tapping Sheet Metal Screws and 10/32 Machine Screws supplied for different application needs. Blind Nut's and Tool are optional.

Mortise mount Type

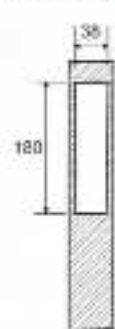
Electromagnetic Locks Feature



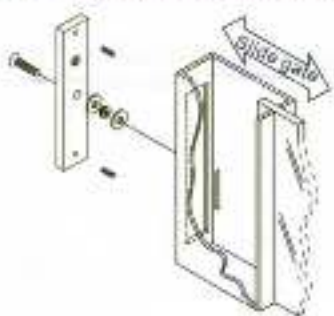
Single Type	Main body size LxWxH(MM)	Armature size AxBxC(MM)	Working Current	Holding force
M180A	180x32x22	130x33x11	12V/420mA 24V/210mA	350Lbs
M280A	252x42x25	180x38x13	12V/480mA 24V/240mA	600Lbs
M350A	247x51x27.5	158x47x13	12V/410mA 24V/205mA	800Lbs
M380A	252x56x33	180x52x13	12V/430mA 24V/210mA	900Lbs
M500A	258x66x39	185x60x14	12V/480mA 24V/240mA	1200Lbs

Mortise mount Type

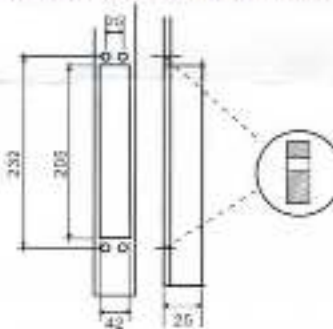
Typical Door Applications for example 280A series



Hole size for Armature



Fixed screws



Hole size for Body



Fixed screws

Circuit Connection Diagram

