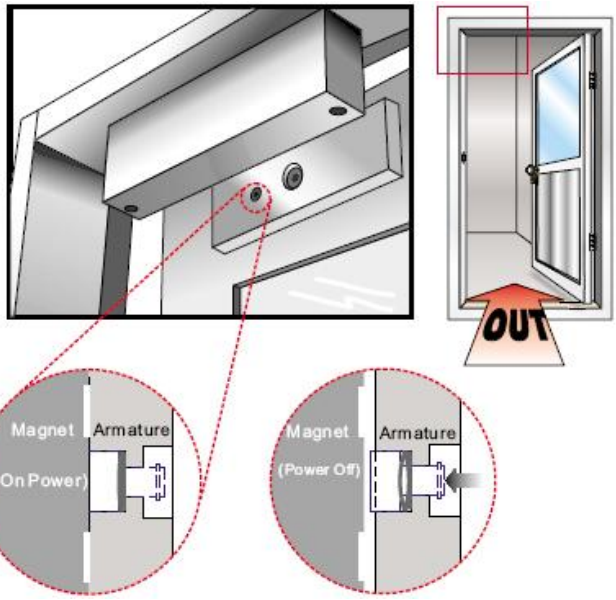
CZM-280 Electromagnetic lock user manual

Features:

◆MOV provides spike and surge protection.
◆Magnetic bond sensor monitor output.
◆Door position status sensor output.
◆Bi-color LED indicates lock/unlock status.
◆Anodized aluminum housing.
◆Anti-Residual magnetism designed.
◆Complete mounting hardware included.

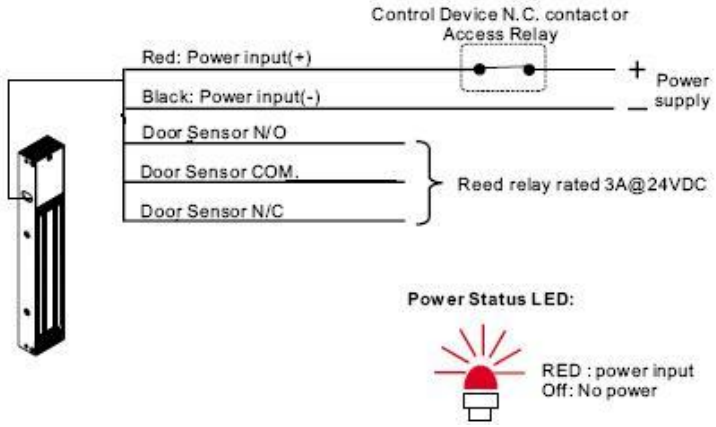
Statement:

Electromagnetic lock build-in magnetic bond sensor output indicates the door opened or closed,with bi-colour LED indicates the EM-lock locked or unlocked status. The fail-safe Electromagnetic Lock design with no mechanical parts but magnetic force release the doors, suitable for use to secure and in areas which required access controlled or egress such as exit door We offers up to 280kg(600pounds) holding force and can be applied with access control, and with the full range of optional brackets, it can be installed on all type of door frames such as Hollow, Wooden and frameless glass door. Build in magnetic bond sensor output and bi-colour LED indicates the door locked or unlocked status.
It is the best choice for electronic security industry and system integrators. More optional functions are available in electromagnetic lock series.



Specifications:

Voltage Tolerance: 115%
Current Draw: 400mA 12V DC
(at temperature 20^{0}C)
Magnetic bond sensor monitor output (SPDT rated 1A 12V DC), remotely monitors the door lock or unlock status. (N.C. Output--Door opened; N.O. Output--Door closed)
Operating Temperature:-10-55^{0}C
Humidity: 0-95% non-condensing.
Lock's surface Temperature (when the power is on): Scurrent temperature +20^{0}C
Holding Force: 280KG (600pounds)
Dimensions: Lock Size: (L) 250, (W) 48, (D) 26 mm
Mounting Plate Size : (L) 250, (W) 25, (D) 6 mm
Armature plate Size : (L) 180, (W) 38, (D) 11 mm
Special Finishes for magnet and armature plate: Zinc



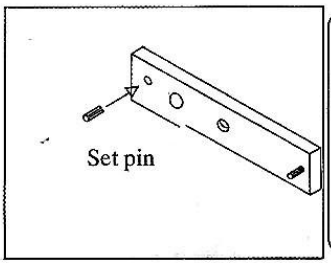
Warranty:

Electromagnetic Locks are warranted against defects in material and workmanship while used in normal service for a period of 1 year from the date of sale to the original customer.

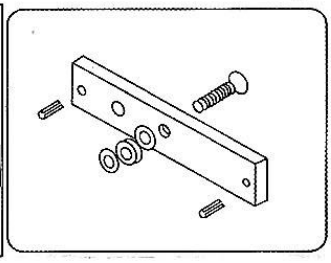
Optional Brackets:

Identify the door swinging direction and inspect the door frame header to determine if bracket is required.
L- brackets , LZ brackets or U-brackets may be required for the electromagnet depending on the frame

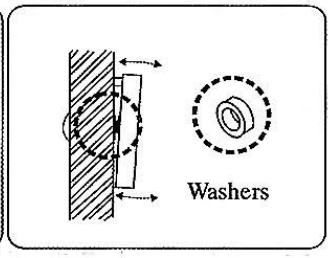
header and swinging direction.



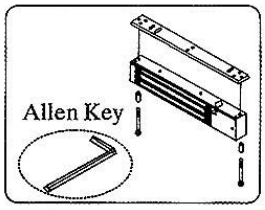
Put the pin into the Armature



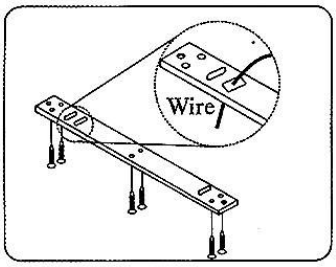
awcoding to the picture add the washers on the Armature.



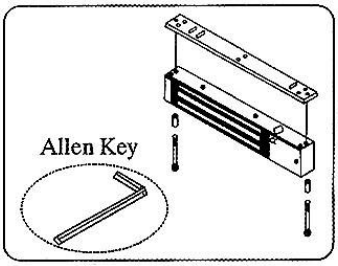
Plase Washers between Armature Plate and Door Leaf



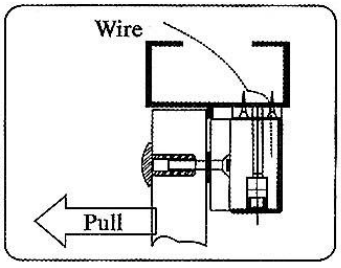
Use Allen Key to remove the Mounting Plate from lock body



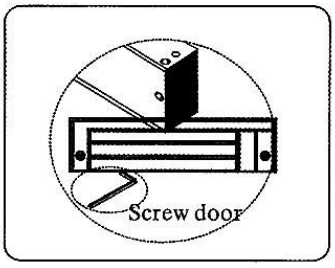
Wire go through the wire hole,then screw the mounting plate on top of the door frame



Use Allen Key to screw the lock body on the mounting plate



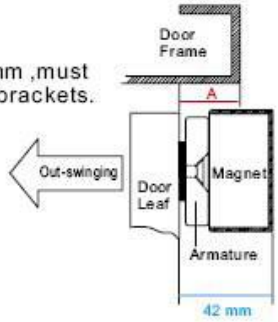
Close and pull the door to test holding force,Extra washers can be added to adjust angle between door leaf and Armature plate.

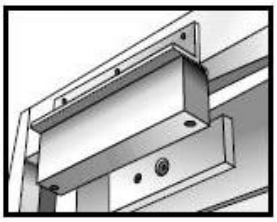


Confivm the holding Fovg and tighten the proof Screws.

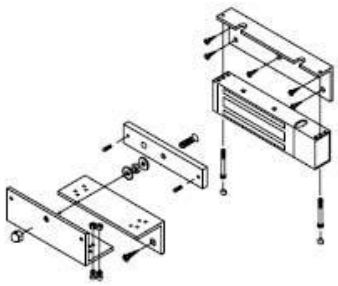
With L-bracket for narrow door frames

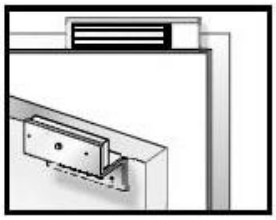
When "A" < 42 mm ,must installed with "L" brackets.





With LZ-bracket for in-swinging doors





With U-bracket for frameless glass doors