

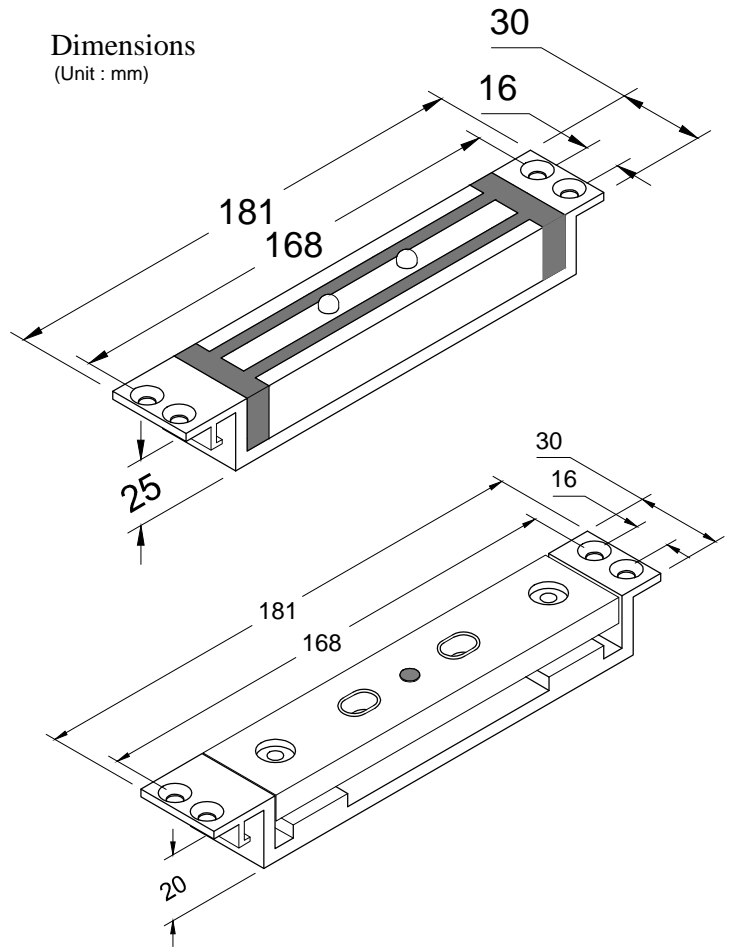
Electromagnetic Shear Lock Installation Instructions



Basic Installation Concept & Accessories

Spec	Model	EMSL-1200-Timer-MC
Shear Holding Force		Up to 1200lbs (545kg)
Voltage Input		12VDC / 24VDC
Current Draw		310mA / 180mA
Lock Dimension		(L)181 x (W)30 x (T)25 (mm)
Armature Dimension		(L)181 x (W)30 x (T)20 (mm)
Lock & Armature Gap		2mm
Operation Temperature		-20°C to +50°C
Door Monitoring Output		Mag. Ctc. Rating (28VDC,0.5A,10W)

Dimensions
(Unit : mm)

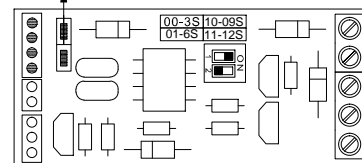
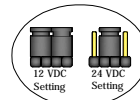


Important Notice:

1. Make sure the door and door head frame is wide and deep to mount the shear lock.
2. Make sure the center line on the door head frame and door is align properly; and the door always return to the center line after each opened process.
3. Always install the shear lock onto door head frame first then the assembled armature plate onto the door .
4. Make sure the gap between shear lock and assembled armature is 2mm after mounting.

General Installation Steps & Maintenance

1. Mark a center line on the door head frame, where the assembled armature to be installed.
2. Cut and drill according to the mounting bracket size.
3. Connect the wire according to wiring instruction shown below; then mount the shear lock and assembled armature onto the door head frame and door.
4. For wider gap between door & door frame, please use steel flat washer to adjust the gap between lock and armature.
5. Connect the power wires according to the instruction and test the system.
6. It is recommended that to apply a light coat of silicon lubricant to the mating surface on a monthly basis to prevent rust.

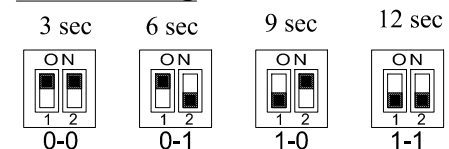


+ ← 12 / 24 VDC Power Input
-
C → Door Monitoring Sensor Output (Only for Mag. Ctc. Model)
N.C.
N.O.

IMPORTANT!

Set the jumper position according to the power input correctly before switch ON the power.

Timer Setting



Disclaimer: EISB reserve the right to go ahead with any modifications of models or features or price without forewarning. All the information and specifications stated in this document are current at the time of publication.

Attention: We are not responsible for the improper installation of this kit. If you are not handy with electrical equipment you should contact a professional electrician. You will also need to check with your local Fire authority to see if you need anything else to comply with local Fire Codes. We are not responsible for any damage or fees that can occur.