



Live
technical
support

+44 (0)1691 655150



SKU: CP-EXML600-GATE

External Magnetic Lock

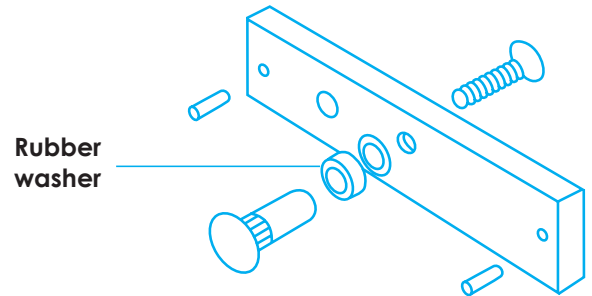
Installation guide

Mount the armature plate on the door/gate using the rubber washer. The rubber washer and steel washer are installed between the armature plate and door, using the sex-nut bolt.

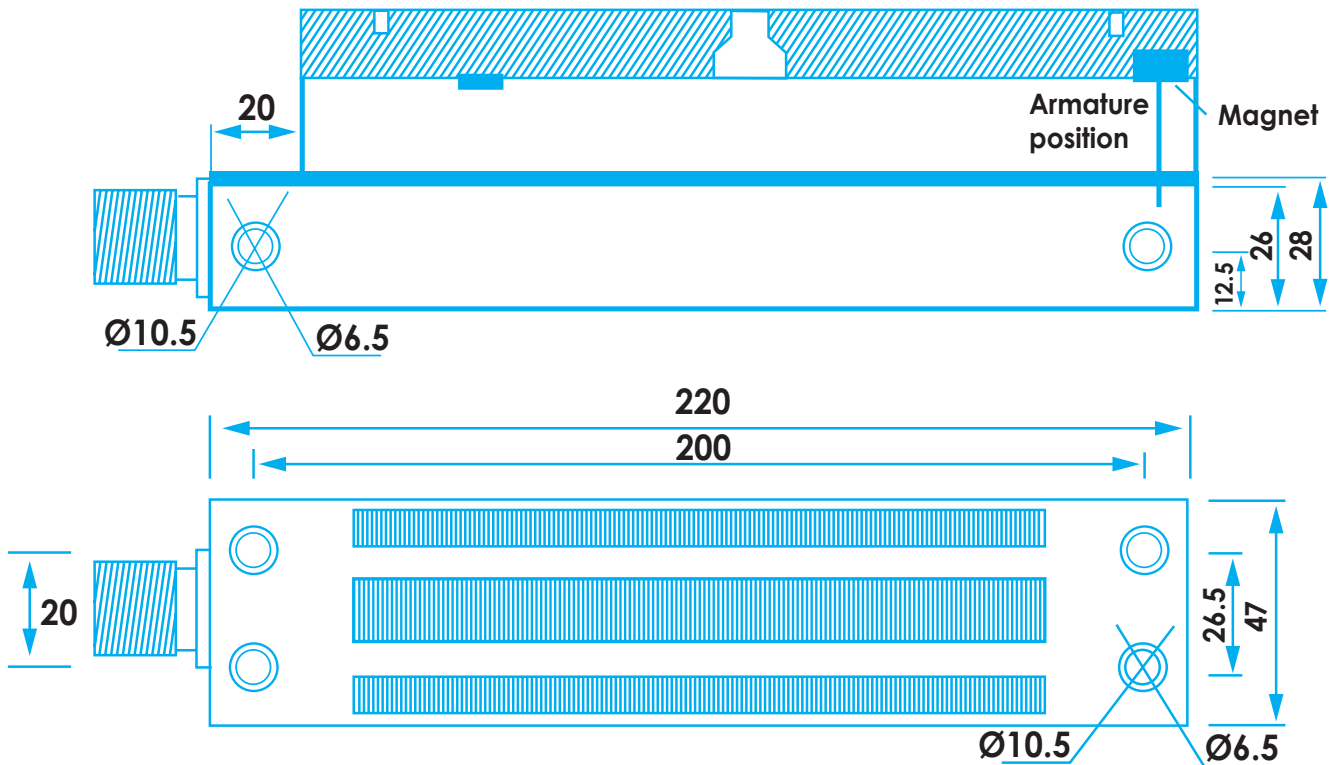
IMPORTANT

Typical installation

Do not install the armature plate too tightly, which ensures the washer remains flexible - in order for the armature plate to properly connect with the magnet



Dimensions





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External Magnetic Lock

Power input
12VDC or 24VDC

Lock Status Sensor
1. Normally Open switch: NO
2. Normally Closed switch: NC

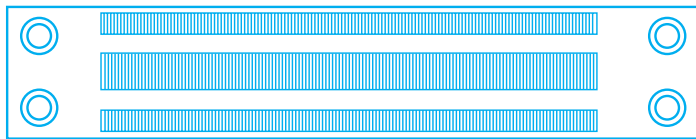
IMPORTANT

Handle the equipment with care, damaging the surface of the magnet or armature plate may reduce locking efficiency

The magnet is mounted rigidly to the frame, whereas the armature plate must be mounted to the plate using the items provided to allow it to pivot about its centre. This allows it to compensate for wear and misalignment

12V Wiring diagram

For 12VDC



Red & Yellow to +12VDC

Blue & Black to -VE

White COM

Brown NC

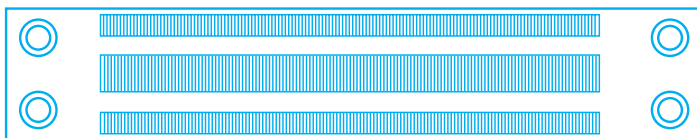
Green NO

A: 12VDC Input:

- Required power 0.5Amp (minimum)
- Connect the positive (+) lead from a 12VDC power source to +
- Connect the ground (-) lead from a 12VDC power source to -

24VDC Wiring diagram

For 24VDC



Red to +24VDC

Yellow & Blue together

Black to -VE

White COM

Brown NC

Green NO

B: 24VDC Input:

- Required power 0.5Amp (minimum)
- Connect the positive (+) lead from a 24VDC power source to +
- Connect the ground (-) lead from a 24VDC power source to -

C: Contacts:

- Relay voltage free contacts are rated 1A at 24VDC for safe operation, do not exceed this
- If you require a normally open switch, connect the wires from the system to COM and NO
- If you require a normally closed switch, connect the wires from the system to COM and NC

Wiring the back-EMF protection diode



- Connect the back-EMF Diode in reverse polarity with respect to the magnetic lock polarity
- The end with the Silver (grey) ring connects the (+)ve of the magnetic lock