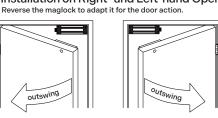


Trouble Shooting

Problem	Possible Cause	Solution
Door does not lock	No power	 Make sure the wires are properly connected. Make sure the power supply unit works well. Make sure the relay is connected to the N.C. contact.
Low holding force	Poor contact between electromagnet and armature plate	 See if the armature plate is deformed. Make sure to insert the rubber washer between the armature plate and the bracket. See if the surfaces of the armature plate and the magnetic lock are clean.
	Low voltage or incorrect voltage setting	 Check if the voltage selection is correct. Check the power voltage at the terminals.
is not	A secondary diode was installed across the electromagnet lock	Remove any diode installed across the magnetic lock.
	Misalignment between the armature plate and electromagnet lock	Make sure the armature plate and the magnetic lock are aligned face-to-face.

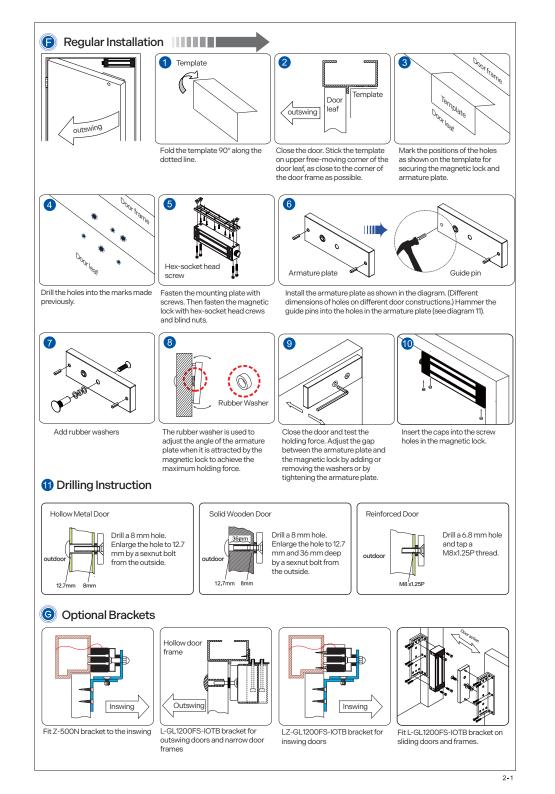
GL1200-FS Waterproof Series Electromagnetic Lock Installation Instruction (Waterproof Series) A Technical Specification B New Mounting Plate 10 mm Specification Single Voltage: 12 or 24 VDC Operating Voltage Dual Voltage: 12/24 VDC Single Voltage: 500mA/12 VDC or 250mA/24VDC Current Draw Dual Voltage:500mA/12VDC 250mA/24VDC -31° to 150.8°F (-35 to + 66°C) Operating Temperature Thickness of 10 mm with enhanced sturdiness to secure the magnetic lock Access Control Rating 0.1A/20VDC(Resistive load) Holding Force 1200 lbs (approx. 545 kg) Lock Surface Temperature \leq Current temperature ±20°C Lifetime Test Over 500,000 times Humidity 0 to 85% Non-condensing Magnet Surface: Galvanized Finish Housing: Brushed stainless steel (US32D) C Dimensions & Accessories Mounting Plate 12VDC 24VDC Magnet Screw Guide Pin hex-socket Sexnut bolt head screw \frown Washe Armature Plate Unit: mm Rubber Washer Anti-tamper Cap Bracket installation is based on the direction of door action and the type of door frame, e.g. narrow frame doors, frameless glass doors, inswing doors, etc. D Installation on Right- and Left-hand Open Doors E Butt Splice (IDC) Connector



Using crimper or pliers and pressing the header of connector down to even position.



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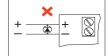


Install the L bracket to the Fasten the magnetic lock to Assemble the Z bracket. NoteInsert the guide pins into the mounting position on the the L bracket with hex-sock- that the bracket is movable, armature plate. door frame. Make sure the et head screws. door can be freely Outdoo Fasten armature plate to Z Close the door and After the armature plate and bracket. The rubber washer connect the magnetic lock stick to must be placed between the each other, adjust the Z armature plate and the bracket to fit the door frame. Z bracket for inswing doors (Face Mount) Assemble Z bracket. Note Drill holes as shown on Insert caps into screw holes Insert guide pins into template and fit blind nuts in maglock. that the bracket is movable. armature plate (to fix it). into holes. Fit maglocks with hex-socket head screws outdoo Fasten armature plate to Close door and connect After maglock attracts Z bracket. Add plastic to the power. armature plate, fit Z washers between bracket bracket to door leaf. and armature plate. Note: Power Supply Control Device The magnetic lock must Do not apply power wires The magnetic lock is fail-safe. face-to-face align with the and signal wires in the It requires a UPS to supply armature plate or the holding same cable or conduit. power to keep the door force will decrease by 25%. locked during power failure. Regularly wipe the surface The magnetic lock and Make sure the faces of the of the magnetic lock with wires must not be exposed. magnetic lock and the Install LZ bracket for anti-rust oil. armature plate are clean, inswing doors intact and no rust.

LZ bracket for inswing doors (Surface Mount)

Adjust and fasten upper part

the armature plate.



Adjust and fasten the Z bracket Close the door and test the holding force. Adjust the gap between the armature plate and the magnetic lock by adding or removing the washers or by tightening the armature plate.



of Z bracket. Close door and test holding force. Adjust the gap between armature plate and maglocks by adding or removing washers or tightening

Remove any diode and varistor to prevent the door from delayed opening.

