



**INSTALLATION AND WIRING INSTRUCTIONS
FOR ROFU MAGNETIC LOCKS**
ROFU Models 8005, 8005-001, 8025, 8011-LC, 8011-002,
8011-002-001, 8011-002-DS and 8022-002



Note the type of header of the doorframe and install filler plate or angle bracket as required.

Step 1. Fold the template along the dotted line and place it against the closed door and the header as indicated on the template. If necessary, hold it in place with masking tape. Note that the magnet should be on the secure side of the door.

Step 2. Drill the 1 1/32" and 1/4" holes as indicated on the template through the door.

Step 3. Open door and drill 1/2" wire access hole in header.

Step 4. Drill 3/16" holes only in the centers of the two slotted holes of the mounting plate and attach the plate to the header. Tighten the screws so that the mounting plate is snug but can still be moved. Attach magnet to mounting plate.

Step 5. Drill 21/32" hole through ONE metal thickness only at the un-secure side. In the case of a wood door, drill an 1/2" hole 1 3/8" deep from the un-secure side. Attach armature plate to door; insure that the armature plate can pivot around the center mounting screw to compensate for door warpage. Close door.

Step 6. Slide magnet flush against the armature plate. Remove magnet, tighten the two screws in the slotted holes and drive the additional screws into header. Attach magnet to mounting plate and connect power wires.

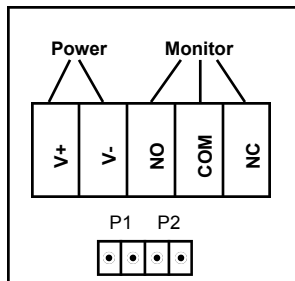
Step 7. The PC board of the magnet is pre-set at the factory for operation at 12VDC. *In case 24 VDC is used make sure to change the jumper settings before connecting power as the magnet will be damaged as a result of an incorrect jumper setting. See drawing below for correct settings.*

Step 8. Magnetic locks are polarity sensitive and the plus(+) and minus(-) wires from the power supply must be connected to the corresponding places on the PC Board.

Step 9. In case a monitored magnet is used, the NO, Common and NC contacts are on the PC Board as indicated on the drawing below.

Monitoring connections apply only to the below models:

ROFU 8005-001,
8011-002, 8011-002-001,
8011-002-DS, 8022-002
and 8122-002

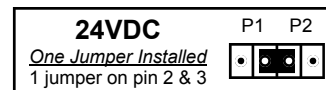
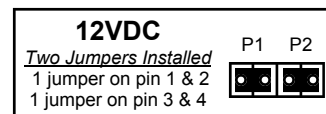


All ROFU magnets are shipped from the factory set to 12VDC!
If you plan on 24 VDC DON'T FORGET TO MOVE THE JUMPERS!

Voltage Jumpers are standard on all 12/24 VDC models

ROFU 8005, 8005-001, 8025, 8011-LC, 8011-002, 8011-002-001, 8011-002-DS, 8022-002 and 8122-002

ROFU International Corp.
Tacoma, Washington USA
Ph. 800-255-7638 / 253-922-1828
Fax 888-840-7272 / 253-922-1728
Website: www.rofu.com
Email: info@rofu.ws



* No Monitor Connections for the 8005, 8025 or 8011-LC models



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Maintenance and Operating

Instructions for ROFU Magnetic Locks

- (1) Insure that the locks are installed in accordance with the installation instructions supplied with each unit.
- (2) The locks have no moving parts and require no lubrication or internal adjustments.
- (3) Every 3 months the armature plate and lock should be cleaned with WD-40 or a similar product.
- (4) Every 3 months the armature plate BOLT should be checked to insure that it is holding the plate properly and has not twisted loose.
- (5) Every 3 months the two MOUNTING BOLTS holding the magnet to the mounting plate should be tightened.
- (6) In the event door warpage caused the fit between the armature plate and the magnet to change, the magnet's mounting plate allows for an adjustment in the placement of the magnet. Remove the magnet from the mounting plate; loosen the screws holding the mounting plate in place; slide the mounting plate on the two slotted countersinks into the proper location and retighten all screws. Re-attach magnet to mounting plate.
- (7) ROFU recommends using Loctite on all BOLTS. ROFU includes Loctite with each magnet at no additional cost.

Installation Diagram

