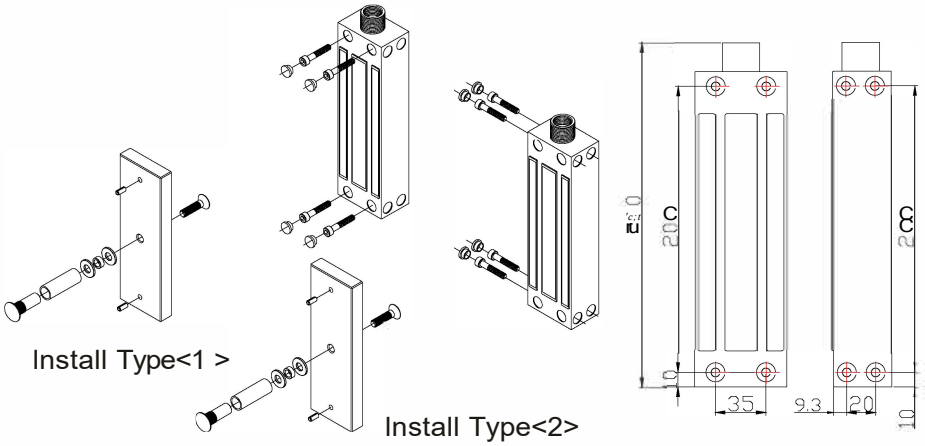
ELECTROMAGNETIC GATE LOCK INSTALLATION INSTRUCTIONS

*Model:

water-proof gate lock

*Feature:

- Threaded eonduit fitting
- Stainless Steel Case
- Built-in loek status sensor
- Suitable for outdoor
- Water Proof



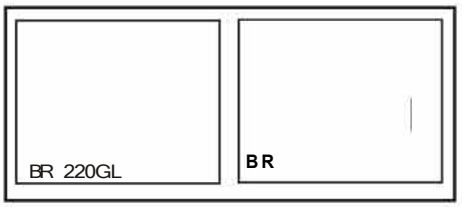
*Specifications:

		Note
Power supply	DC-12VDC / DC-24V	Switchable
Operation current	460mA/12VDC 220mA/24VDC	
Loek Status sensor	N.C. Output (0.25A/30VDC)	Reed switch
Holding force	1200IBS(544kg)	
Operation temperature	-10 °C ~ 70 °C	
Warranty	1 year	
Weight	4.9kg	
Sealing protection	IP67	
Body Dimensions	240 LX 63.5 WX43 D (mm)	
Armatures Dimension	185LX61 WX16D(mm)	
Casing	Stainless Steel	

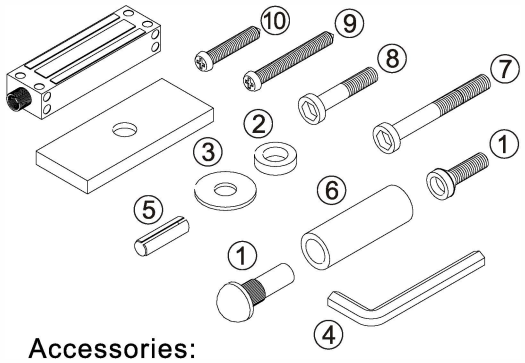
Please read before installing

Specific mounting brackets may be necessary to fit different types of gate.

Optional accessories



Aeeessories diagram:



Accessories:

Q	y	GL-220	
1	Sexnut Bolt	1	
2	Rubber Was her	2	
3	Washer	2	
4	Allenkey	1	
5	Guide pins	2	
6	Doorspacer	1	
7	Mounting screw	4	6x60mm
8	Mounting screw	4	6x40mm
9	Mounting screw	4	6x60mm
10	Mounting screw	4	6x50mm

*Installation

A. Determine the type of gate(refer to Flg 1& Fig2 & Flg3)
Please make sure type of gate to ensure the type of brackets required to install.

B. Prepare the gate post for mounting the gate loek and armature
Determine the desired location for mounting the gate loek and armature on the gate post.Make sure there is space forwiring.

C. Mount the loek body

D. Mount the armature
If you are mounting the armature directly to the gate. You can refer to fig5 for drilling the armature mounting screw hole.

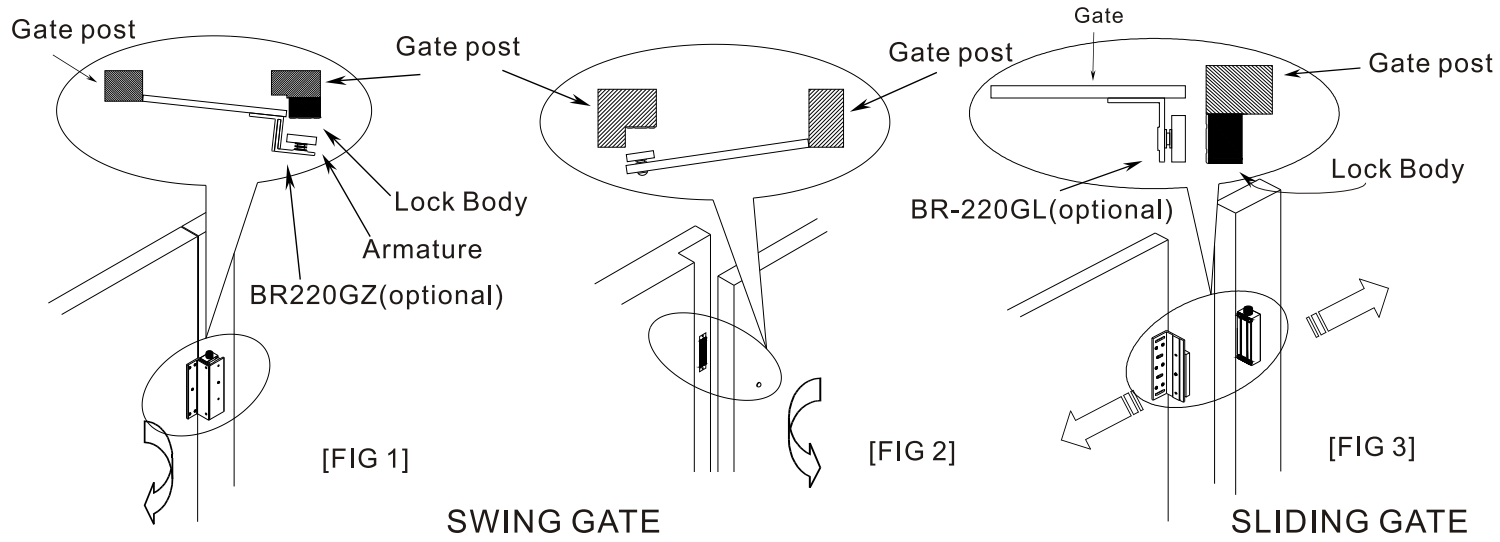
E. Verify proper alignment
Close the gate and verify the loek face and armature are making full contact of the entire armature length. Adjustments may be needed.

F. Connect the wires
Refer to Connection Diagram and Monitor Output for wiring.

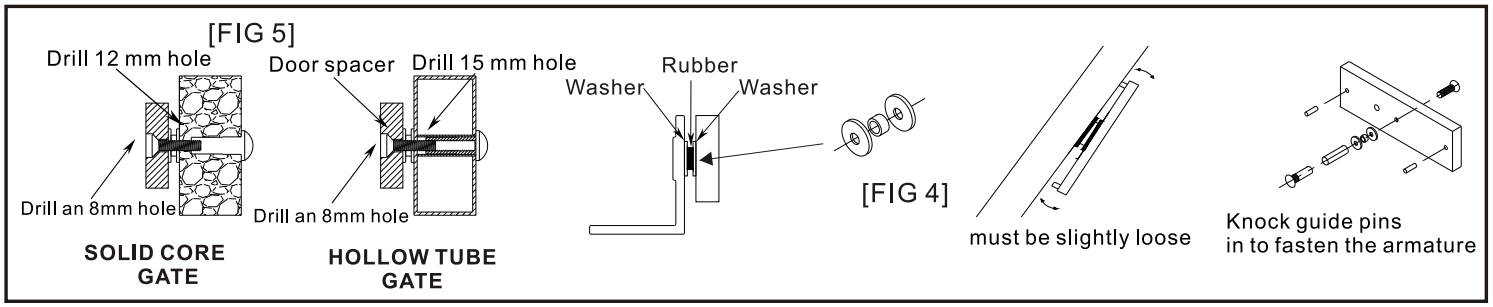
G. Test the unit.

H. Insert the tamper caps into the mounting screw access holes of the loek body.
This should be the last step of the installation,as once the tamper caps are in place, it is difficult to re move.

※Installation diagram

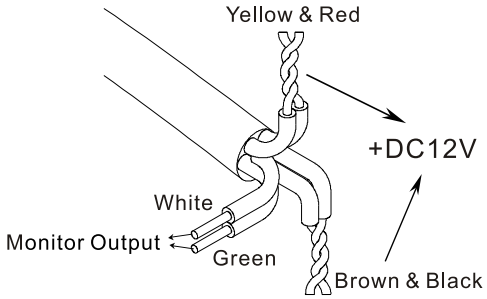


※Armature installations

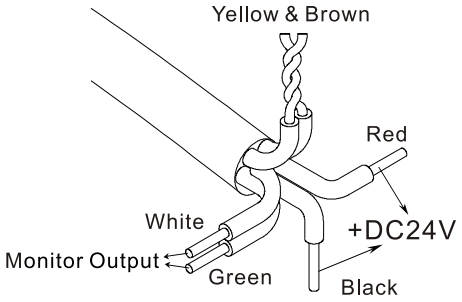


※Connection Diagram and Monitor Output

[DC-12V]

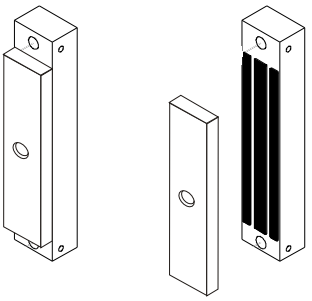


[DC-24V]



※Monitor Output

[N.C. Status] [N.O. Status]



*Monitor output, contact rating (0.25A/30VDC)

*When magnetic lock and armature are engaged, the monitor output will change to N.C. status.

Problem:	Possible cause:	Solutions:
Door does not lock	No power	• Check the input voltage at the EM-lock.If the voltage is zero or a low reading , double check all wire connections.
	Incorrect wiring	• Refer to Connection Diagram and monitor output.
Low holding force	Lock body and armature plate did not contact properly.	• Make sure the lock body and armature plate are properly aligned. • Make sure the contact surfaces of the lock body and armature plate are clean and free from rust.
	Incorrect voltage setting	• Check the power adapter with a meter, and make sure the wiring is connected correctly (DC12V/24V).
	AC voltage supply	• EM-lock requires DC input voltage. When an AC transformer is used, a bridge rectifier must be installed to convert the AC output of the transformer to DC output.