

## Q-EML5572



3 Years Warranty

## ELECTRIC MORTISE DOOR LOCK



### Lock Body Dimension

Compact Design, make the unit easy to install in tight spaces



### Weight

Weighing only 300g, the Q-EML5572 Electric Mortise Lock is easy to handle and install, making it a practical choice for various applications without compromising on strength and security.



### Signal Outputs

**Lock Signal Output:** Yes  
**Handle Signal:** Yes



### PRODUCT DESCRIPTION

The Q-EML5572 is advanced Electronic Locking System is designed for reliable and secure access control, suitable for various door types including wooden, metal, and fire doors. With flexible voltage options and robust performance, this system is ideal for both residential and commercial applications.

### PRODUCT ADVANTAGES

- The device has terminals labeled +VE, –VE, NC, and COM.
- The NC (Normally Closed) and COM terminals will be used for the door contact.
- The +VE and –VE terminals are for the motor connection.
- The DC power to the motor should function like a double-pole reversing switch:
- On the first trigger, the motor should receive normal polarity: +VE to +VE and –VE to –VE.
- On the next trigger, after the door contact closes, the polarity should reverse: the +VE becomes –VE, and the –VE becomes +VE, using the same pair of wires.
- This allows the motor to change its direction each time the system is triggered. Use two controller relays.

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### TECHNICAL SPECIFICATION

| Parameter                  | Specification                                                                    |
|----------------------------|----------------------------------------------------------------------------------|
| Model                      | Q-EML5572                                                                        |
| Panel Dimension            | 22x230 mm                                                                        |
| Backset                    | 55 mm                                                                            |
| Locking Distance           | 72 mm                                                                            |
| Working Voltage            | DC12V or DV24V                                                                   |
| Working Current            | 240mA or 120mA                                                                   |
| Lock signal, Handle output | Yes                                                                              |
| Working Method             | Normally open (open when powered off) or normally closed (open when powered off) |
| Operating Temperature      | -25°C-55°C                                                                       |
| Operating Humidity         | 5%RH-95%RH                                                                       |
| Applicable door type       | Wooden doors, metal doors, fire doors, etc.                                      |
| Material                   | 8*8MM 304Stainless steel                                                         |
| Forend                     | Type:Square head Thickness:3MM Width:22mm Length:230MM                           |
| Accessories                | Striking plate, Pocket, and Fixing screws                                        |
| IP Rating                  | IP65                                                                             |
| Warranty                   | 3 Years                                                                          |
| Country of Origin          | Malaysia                                                                         |
| Certifications             | UL, CE                                                                           |

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### DIMENSIONS

