

TB ES DC STRIKE LOCK INSTALLATION MANUAL

FEATURES

- Built-in unlock memory function (Fail-Secure mode), which keeps the unlocked state until the door is opened and closed again. This can be applied in environments where the door opening is uncertain, such as gate access for visitors.
- Replaceable plate, adjustable lock latch width, making it suitable for a wider range of environments.
- All purpose type, adjustable Memory function and Fail-Secure type or Fail-Safe type.
- Power input supports AC/DC 12V or 24V.
- Built-in surge protection components internally, ensuring the normal operation of access control.
- The force-bearing components of the lock body are made of stainless steel, providing higher resistance to damage and a longer lifespan.

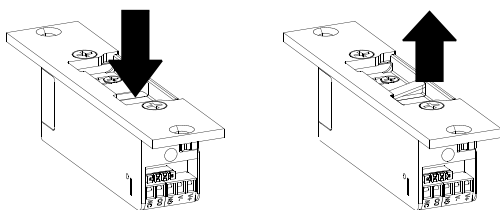


SPECIFICATIONS

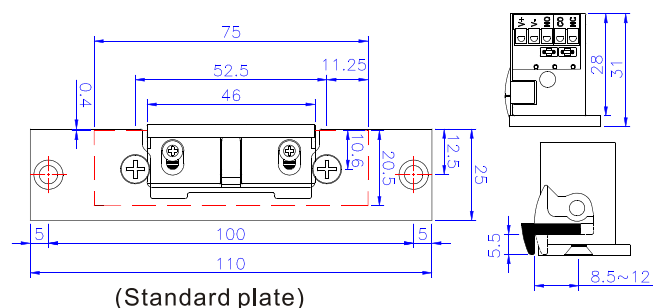
Item	Models	TB ES DC
Voltage		DC 12V (11V~14V) / DC 24V (22V~27V) AC 12V (11V~14V) / AC 24V (22V~27V)
Operation current		220mA@AC/DC12V (±5%) 110mA@AC/DC24V (±5%)
Memory function		×
Door positions		×
Resistance to vandalism		400kg above
Mechanical life		More than 300,000 times
Environment temperature		-20℃~70℃
Operation Temperature		Max.60℃(Room temperature30℃)
Warranty		1 year under normal circumstances
Weight		183g

(Our other model with door positions & Memory function)

OUTPUT EXPLANATION



DIMENSIONS

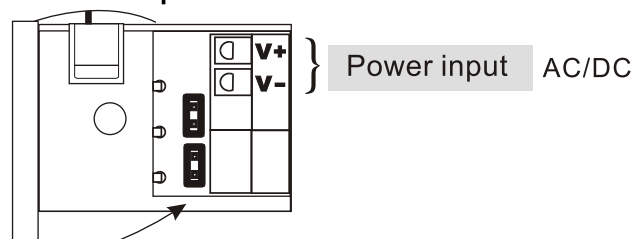
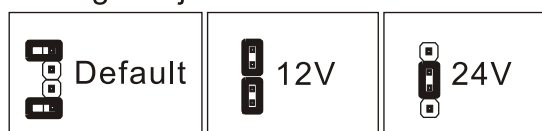


The lock latch width is adjustable within the range of 15~18.5mm

CONTACT DIAGRAM

Please choose the correct voltage according to the environmental requirements. Incorrect voltage can cause damage to protective components.

Voltage Adjustment

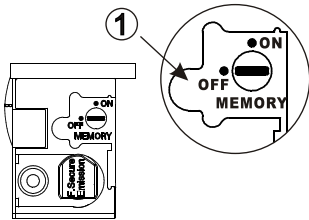


FAIL SECURE AND FAIL SAFE ADJUSTMENT

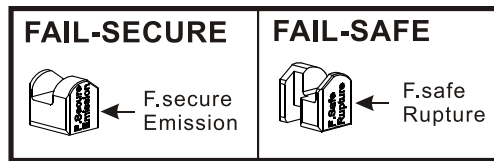
ATTENTIONS

- Before installation, please refer to page 1 to select the correct voltage. Failure to select the voltage may result in the device not functioning.
- Default settings value : "**MEMORY OFF**", "**FAIL-SECURE MODE**". Please adjust the value according to environmental requirements.
- The memory function is not available in FAIL-SAFE MODE, it must be turned off. Turning on the memory mode will damage the lock components.

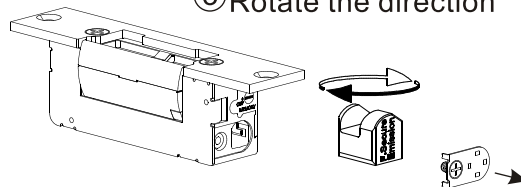
Ensure that the MEMORY switch is in the OFF position before making the adjustments.



Please refer to the markings for adjustments.

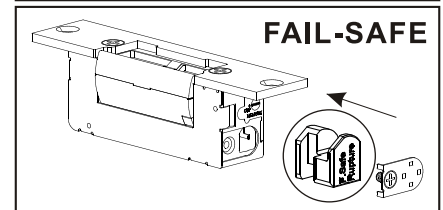
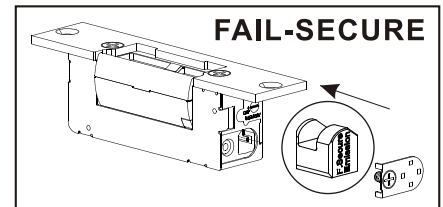


③ Rotate the direction

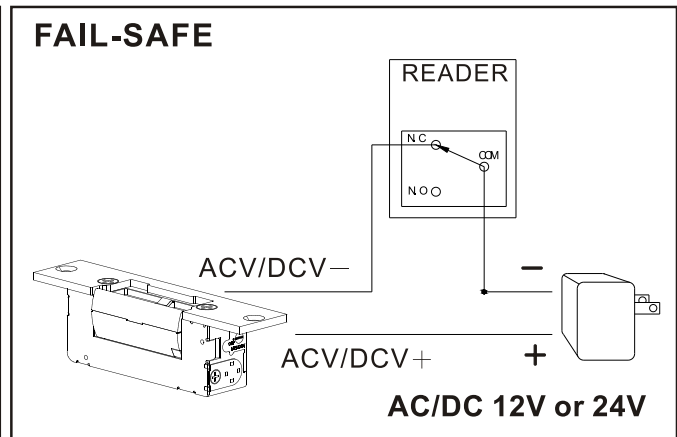
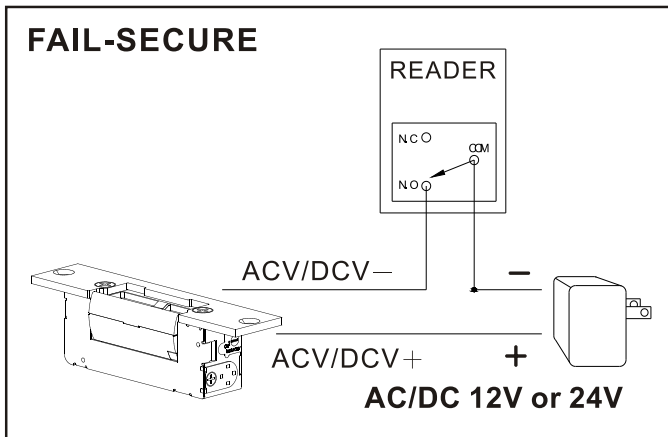


② Remove the cover

④ Reinstall the components to restore to its original state.



WIRING DIAGRAM



TROUBLESHOOTING

Q : Sometimes it can be unlocked, and sometimes it cannot be unlocked?

1. Please check if the power supply (V+ & V-) meets the minimum voltage range specified in the datasheet.
2. Verify if the memory switch is in the correct position. In the Fail-safe mode, enabling the memory function may cause abnormal operation of the electric lock.

Q : Applicable types of latch bolts?

Only suitable for spring latch bolt.

