

Kmuun KL01-1

Intelligent Entry System User Manual

v 0.0.2



KL01-1 Lock Body(front)

Width: 114.5
Height: 3000
Depth: 24 (mm)
cable length: 190 (mm)

Split Strike Plate Main Latch Box



Width: 24
Height: 240
Depth: 22 (mm)

Split plate sub-lock box



Width: 24
Height: 181
Depth: 22 (mm)

Lock Bolt Type

Main Deadbolt, Main Latch Bolt, Main Security Bolt,
Main Trigger Bolt, Upper & Lower Auxiliary Bolts

Number of Bolts

1 Main Deadbolt, 1 Main Latch Bolt, 0 Main Security
Bolts, 1 Main Trigger Bolt, 4 Upper and Lower
Auxiliary Bolts

Lock Body Specifications: 7068

Service Life: \geq 100,000 times

Lock Body Material

- Lock Housing Material: Electrolytic Steel Sheet/ 430 #
- Strike Plate Material: 304#, length 3m,Width 24mm,
Depth 2mm Bending
- Deadbolt Material: 304 #
- Latch Bolt Material: 304 #+PPA-25GF-030L04
- Backing Plate Material: 304#, length 3m,Width 24mm,
Depth 2mm Bending
- Anti-Insert Bolt Material: 304#
- Auxiliary Bolt Material: 3304#+PPA-25GF-030L04

Detection Switch

Trigger Bolt Detection, Latch Bolt Detection,
Gearbox Reset Detection

Lock Body Input Voltage: 12V DC
Operating Temperature: -40°C ~ 80°C
Operating Humidity: $65 \pm 5\%$ RH MAX

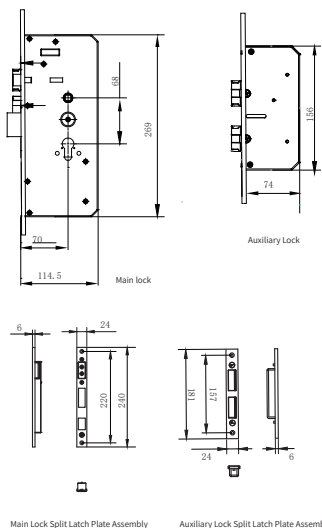
Power consumption parameters

- Average Locking Current: 64.98 mA
- Average Unlocking Current: 999 mA
(Average Duration: 1 s)

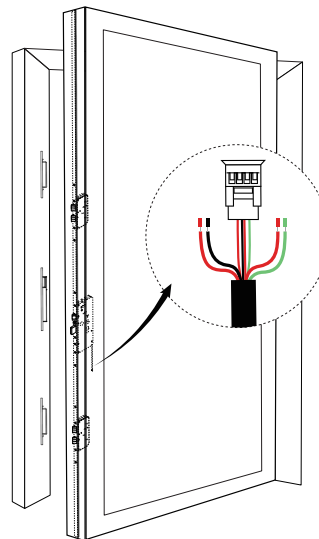
Lock Body Locking Mode

- Latch bolt locking on door close: Latch bolt
retracts and rebounds into position with correct
signal logic; trigger bolt retraction signal verified,
auxiliary bolts extend to lock.
- Main deadbolt locking: Rotate lock cylinder
indoor/outdoor to extend main deadbolt for
locking.

1 Device Dimension Specifications



2 Door Leaf Installation Schematic



4P white terminal

Red wires (4 pcs): Power cable, DC 12V Positive
Black wires (2 pcs): Power cable, DC 12V Negative
Green wires (2 pcs): Lock control signal wire

3 Product Real Photo



Notes

- Check the model before installation to ensure the lock body matches the door type, thickness and opening direction.
- Usage Rules: Do not strike the lock body with hard objects to avoid key jamming. Close the door gently to prevent bolt deformation from forced impact.
- Professional Installation: Professional installation is recommended for proper function and safety.
- Operation: Do not turn the key or handle with force; stop and check if stuck.
- Lubrication Maintenance: Apply dry lubricant such as graphite powder to bolts every half a year. Do not use oil-based lubricants like engine oil or WD-40.
- Daily Reminder: Check locking status before long absence. Stop use and contact after-sales service if the bolt sticks or makes abnormal noise.
- Connect the product with power off.
- Install in accordance with product drawings.
- Power on after installation. If the device fails to work, power off immediately and recheck the wiring. If it still does not function after rechecking, contact professional technical support.
- During installation, prevent wood chips, iron scraps and other foreign matter from entering the lock body interior.