

SOYAL[®]



Electromagnetic Lock **AR-600M-270**

600 LBS Electromagnetic Lock

Three Registered International Patent,
Anti-Residual Magnetism Design,
Anti Falling Design and Strong Lock Design



Anti Residual Magnetism Design

anti-residual magnetism part located the edge of electromagnet, more durable than conventional anti-residual magnetism design that easily oxidized dust on the armature plat

Patent no. :

Taiwan M597321 / EP20168849.6

China 202010170047.8



Anti Falling Design

Registered patent for Anti Falling Design, prevent lock to fall down when screw is loosening, enhance safety.

Patent no. :

USA 16/828.910 / Taiwan I679336

EP 20168852.0-1005 / China 202010227686.3



Strong Lock Design

newly designed strong lock base and eliminating the unnecessary screws.

Patent no. :

USA 16/828.931 / Taiwan I679336

EP 20168852.4 / China 202010227687.8

Features



270KG Holding Force

Holding force increased by 10%,
250Kgs → 270Kgs



UL94V0 Standard

Entire lock body comply with UL94V0 standard
(fire resistance and self-extinguishing characteristic)



Web



Youtube



Support both old and new installation

The overall size of lock body remain the same,
support both old and new installation.



Upgrade Lock Strength

Lock Body mounting plate (thickened from 6mm to 8mm)
and fixing screw (increased from M4 to M5),
lock strength is greatly improved.

SPECIFICATION

Power Supply	DC12V / DC24V
Current Draw	12VDC / 500mA ; 24VDC / 250mA
Door Monitoring Output	Door Relay Status (N.O/N.C/COM)
Holding Force	270KG (600LBS)
Material	Lock Housing: Alluminium Alloy 6063-T5 , Armature Plate: Pure Iron, Bracket: Alluminium Alloy
Lock Body Dimension (mm)	251(W)x47(H)x25(D)
Armature Plate Dimension (mm)	185(W)x40(H)x15(D)
Operating Temperature	-20°C ~ +80°C

OPTIONAL ORDER

- LZ Bracket



- U Bracket



- Armature Plate (MA) Bracket

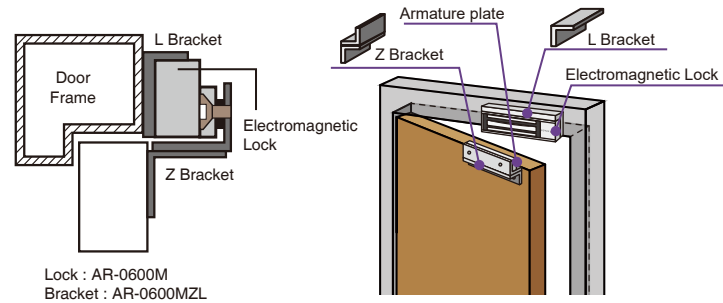


- Relay(with Time Delay)

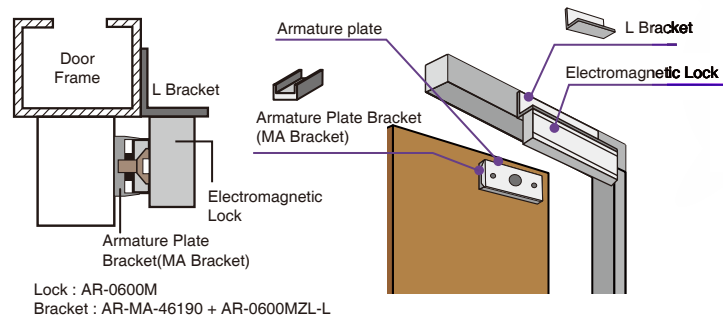


Installation with Bracket

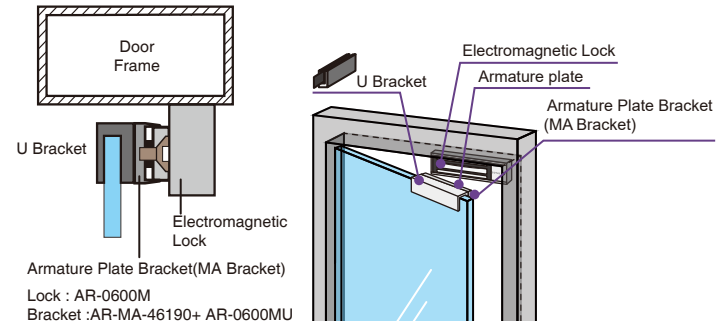
- Narrow Door Installation (Inswing Door)



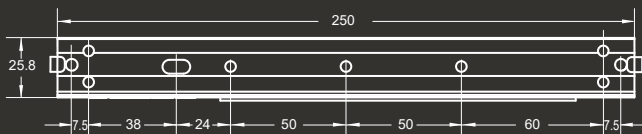
- Narrow Door Installation (Outswing Door)



- Frameless Glass Door



INSTALLATION(mm)

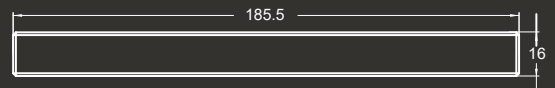


Lock Body Top view

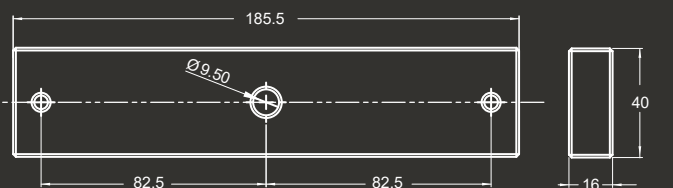


Lock Body Front view

Lock Body Side view



Armature Plate Top view



Armature Plate Front view

Armature Plate Side view