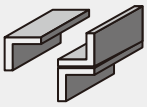
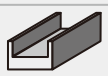
Electronic Magnetic Lock

Electronic Magnetic Lock - INDOOR Series

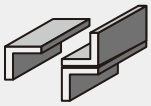
Holding Force		40kg / 90pounds	80kg / 180pounds	110kg / 200pounds
Lock Type	Magnetic Lock (Single Door)	 AR-0090M	 AR-0180M	 AR-0200M
Bracket Type	 L Bracket	L Bracket (included)	–	–
Suitable Door Type		Suitable for storage that requires low holding force; mailbox, postal box, locker, cabinet, drawer	Suitable as a door holder feature	Suitable for cabinet and wooden door

Holding Force		150kg / 300pounds	250kg / 600pounds	500kg / 1200pounds
Lock Type	Magnetic Lock (Single Door)	 AR-0300M	 AR-0600M	 AR-1200M
	Magnetic Lock (Single Door)	–	 AR-0600M-DB	 AR-1200M-DB
Bracket Type	 Z&L Bracket	AR-0300MZL Z and L Bracket can be purchased separately	AR-0600MZL Z and L Bracket can be purchased separately	AR-1200MZL Z and L Bracket can be purchased separately
	 Armature Plate Bracket (MA Bracket)	–	AR-0600M-MA	AR-1200M-MA
	 U Bracket	AR-0300M/0400M-U	AR-0600M-U	–
Suitable Door Type		Suitable for most door types (wooden door, allumunium door, sliding door)	Suitable for most door types and provide enough amount of holding force to locking solution (high level of security)	Suitable for heavy duty gate (iron gate)

SPECIFICATION - INDOOR Series

Model No.		AR-0090M	AR-0180M	AR-0200M	AR-0300M	AR-0600M	AR-1200M
Operating Voltage		12VDC/24VDC					
Current Draw		130mA/12VDC 60mA/24VDC	200mA/12VDC 100mA/24VDC		370mA/12VDC 185mA/24VDC	500mA/12VDC 250mA/24VDC	
Lock Type	Lock Housing	Allumunium Alloy					
	Armature Plate	Pure Iron					
	Bracket	Allumunium Alloy					
Selenoid Test		Over 500,000 times					
Temperature	Lock Surface Temperature	≦ ambient temperature ± 20° C					
	Operating Temperature	-10° C ~ +55° C					
Humidity		0~95% non-condensing					
Dimmension (mm)	Magnetic Lock	Magnet: 70(L) x 37(W) x 25(H) (L Bracket included) Armature Plate: 60(L) x 32(W) x 8(H)	Magnet: 100(L) x 38(W) x 38(H) Armature Plate: 74(L) x 28(W) x 8(H)	Magnet: 160(L) x 28(W) x 20(H) Armature Plate: 130(L) x 28(W) x 9(H)	Magnet: 166(L) x 39(W) x 21(H) Armature Plate: 130(L) x 32(W) x 10(H)	**AR-0600M** Magnet: 251(L) x 47(W) x 25(H) Armature Plate: 185(L) x 38(W) x 12(H) **AR-0600M-DB** Magnet: 502(L) x 48(W) x 25(H) Armature Plate: 185(L) x 38(W) x 12(H) * 2units	**AR-1200M** Magnet: 266(L) x 74(W) x 40(H) Armature Plate: 185(L) x 61(W) x 16(H) **AR-1200M-DB** Magnet: 532(L) x 74(W) x 40(H) Armature Plate: 185(L) x 61(W) x 16(H) * 2units
	Bracket	**L Bracket:** 70(L) x 5(W) x 38(H) (included)	**Door Holder:** 74(L) x 28(W) x 48(H) (included)	–	**AR-0300M-Z:** 166(L) x 43(W) x 43(H) **AR-0300M-L:** 166(L) x 43(W) x 29(H) **AR-0300M / 0400M-U:** 140(L) x 45(W) x 30(H)	**AR-0600M-Z:** 190(L) x 50(W) x 50(H) **AR-0600M-L:** 250(L) x 50(W) x 33(H) **AR-0600M-MA:** 190(L) x 45.5(W) x 30(H) (Door width max 17.50mm) **AR-0600M-U:** 190(L) x 44(W) x 15.5(H)	**AR-1200M-Z:** 190(L) x 72(W) x 72(H) **AR-1200M-L:** 266(L) x 75(W) x 48(H) **AR-1200M-MA:** 190(L) x 67.5(W) x 21(H)
Electronic Magnetic Lock Weight (kg)		0.25kg	0.75kg	0.6kg	0.95kg	AR-0600M: 1.2kg AR-0600M-DB: 3.1kg	AR-1200M: 3.2kg AR-1200M-DB: 6.2kg
Door Monitoring Output		NO			Yes	YES (All type)	YES (All type)
LED indicator		NO					

Electronic Magnetic Lock - OUTDOOR Series

Holding Force		180kg / 400pounds	600kg / 1500pounds
Lock Type	Magnetic Lock (Single Door)	 AR-0400WF	 AR-1500WF
	Magnetic Lock (Double Door)	 AR-0400WS	 AR-1500WS
Bracket Type	 Z&L Bracket	AR-0400MZL (Z&L Bracket) Z and L Bracket can be purchased separately	AR-1500MZL-WF (Z&L Bracket) AR-1500MZL-WS (Z&L Bracket)
	 U Bracket	AR-0300M/0400M-U	–
Suitable Door Type		Suitable for most door types installed outdoor (wooden door, allumunium door, sliding door) Face Mount (WF): Out swing door Side Mount (WS): In swing door	Suitable for heavy duty gate installed outdoor (iron gate) Face Mount (WF) : Out swing door Side Mount (WS) : In swing door

SPECIFICATION - OUTDOOR Series

Model No.		AR-0400WF / AR-0400WS		AR-1500WF / AR-1500WS	
Operating Voltage		12VDC/24VDC			
Current Draw		370mA/12VDC 185mA/24VDC		500mA/12VDC 250mA/24VDC	
Material	Lock Housing	Stainless Steel			
	Armature Plate	Pure Iron			
	Bracket	Alumumium Alloy			
Selenoid Test		Over 500,000 times			
Temperature	Lock Surface Temperature	≦ ambient temperature ± 20° C			
	Operating Temperature	-10° C ~ +55° C			
Humidity		0~95% non-condensing			
Dimmension (mm)	Magnetic Lock	**AR-0400WF** Magnet: 164(L) x 35(W) x 27(H) Armature Plate: 130(L) x 32(W) x 11(H)	**AR-0400WS** Magnet: 164(L) x 41(W) x 27(H) Armature Plate: 130(L) x 32(W) x 10(H)	**AR-1500WF** Magnet: 203(L) x 63(W) x 40(H) Armature Plate: 185(L) x 61(W) x 17(H)	**AR-1500WS** Magnet: 224(L) x 70(W) x 42(H) Armature Plate: 185(L) x 61(W) x 16(H)
	Bracket	**AR-0400M-Z** 166(L) x 43(W) x 100(H) **AR-0400M-L** 166(L) x 43(W) x 33(H) **AR-0300M/0400M-U** 140(L) x 43(W) x 28(H)		**AR-1500MZL-WF (Z&L Bracket)** Z Bracket: 184(L) x 66(W) x 66(H) L Bracket:198(L) x 69(W) x 43(H) **AR-1500MZL-WS (Z&L Bracket)** Z Bracket: 190(L) x 72(W) x 144(H) L Bracket: 225(L) x 78(W) x 48(H)	
Magnetic Lock Weight (kg)		AR-0400WF: 0.90kg AR-0400WS: 1.30kg		AR-1500WF: 3.10kg AR-1500WS: 3.50kg	
Igress Protection (IP)		IP 66			

Optional Additional Purchase

Digital Relay Output Module (AR-721RB)

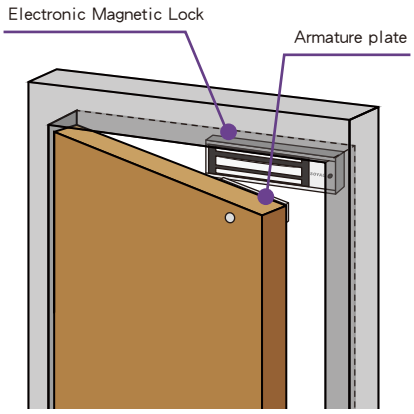


1. Supports N.O. type Egress button input
2. Supports security trigger signal for relay active
3. Support 4 delay time: 0.1, 3, 6, 9 sec.
4. Easy Delay Time setting via DIP SW
5. Contact capacity up to 12A/125VAC, 7A/250AC, 7A/30VDC

Bracket Selection Guide

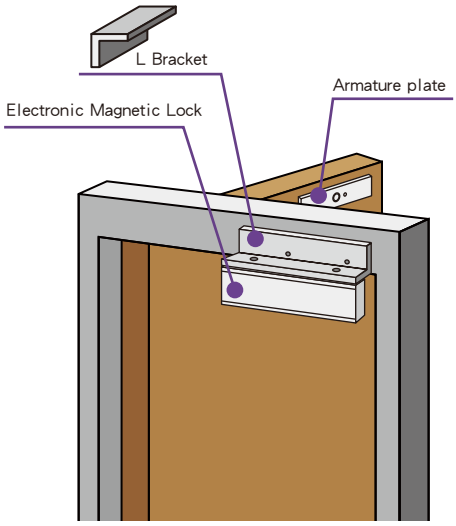
Regular Installation

When door has eligible frame to directly installed magnetic lock, door direction is outswing, and door frame width is wide enough; there is no need to purchase bracket for this installation



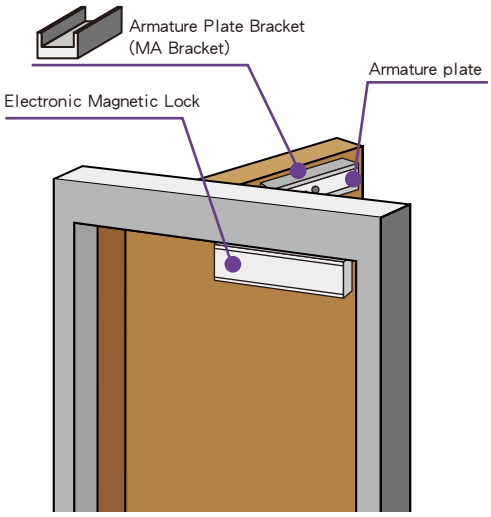
Narrow Door Frame

when door frame is too narrow and not enough to install armature plate, it needs additional installation of L bracket to hang the armature plate



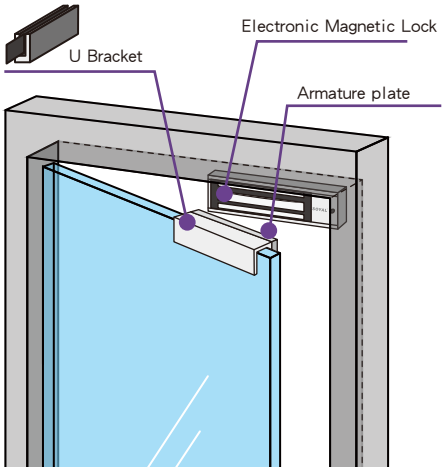
Thick Door

When door frame is too thick, to preserve door from closing and opening gestures, it is best to installed A bracket for armature plate



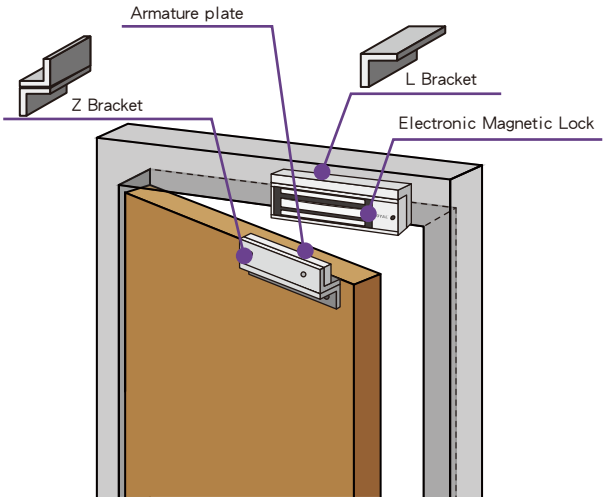
Frameless Glass Door

Magnetic lock installed in a glass door without frame , need to install U Bracket on the glass door



Narrow Door Frame

When magnetic lock is installed on the inswing door, there will be a gap between armature plate and magnet. Armature plate will be installed in the edge of door frame and ZL Bracket is needed to install the magnet



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