

# Electronic Magnetic Lock

- ▶ Anti-vandalism, sturdy, and high durability magnetic locks with bi-color LED status indicator
- ▶ Wide product range from a minimum holding force of 90pounds to a maximum 1500pounds. Provide selections for outdoor use with waterproof
- ▶ **AR-0600M** Three Registered International Patent : Anti Residual Magnetism Design (Patent no. : Taiwan M597321 / EP 20168850.4-1005 / China 202010170047.8)  
Anti Falling Design (Patent no. : USA 16/828.910 / Taiwan I679336/ EP 20168852.0-1005 /China 202010227686.3)  
Strong Lock Design (Patent no. : USA 16/828.931 / Taiwan I679336 / EP 20168852.4 / China 202010227687.8)

\*Z&L Bracket

Z and L Bracket can be purchased separately

|  |                                     | Indoor Type   |   |   |  |   |  | Outdoor Type   |  |  |
|--|-------------------------------------|---|---|---|--|---|--|--|--|--|
|  |                                     | AR-0090M  | AR-0180M  | AR-0200M  | AR-0300M   | AR-0600M<br>AR-0600M-DB<br>(Double door)  | AR-0600M-R<br>(Embedded type)  | AR-1200M<br>AR-1200M-DB<br>(Double door)   | AR-0400WF<br>(Face Mount)<br>AR-0400WS<br>(Side Mount)   | AR-1500WF<br>(Face Mount)<br>AR-1500WS<br>(Side Mount)   |
| Operating Voltage                        |                                     | 12VDC/24VDC   |   |   |  |   |  | 12VDC/24VDC  |  |  |
| Current Draw                             |                                     | 130mA/12VDC<br>60mA/24VDC   | 200mA/12VDC<br>100mA/24VDC  | 200mA/12VDC<br>100mA/24VDC  | 370mA/12VDC<br>185mA/24VDC   | 500mA/12VDC<br>250mA/24VDC  | 400mA/12VDC<br>200mA/24VDC   | 500mA/12VDC<br>250mA/24VDC   | 370mA/12VDC<br>185mA/24VDC   | 500mA/12VDC<br>250mA/24VDC   |
| Lock Type                                |                                     | Lock Housing: Alluminium Alloy, Armature Plate: Pure Iron, Bracket: Alluminium Alloy                      |   |   |  |   |  | Lock Housing : Stainless Steel ,<br>Armature Plate : Pure Iron ,<br>Bracket : Alluminium Alloy   |  |  |
| Holding Force(kg)                        |                                     | 40  | 80  | 110   | 150  | 270   | 250  | 500  | 180  | 600  |
| Solenoid Test                            |                                     | Over 500,000 times  |   |   |  |   |  | Over 500,000 times   |  |  |
| Lock Surface Temperature                 |                                     | ≤ ambient temperature ± 20°C  |   |   |  |   |  | ≤ ambient temperature ± 20°C   |  |  |
| Operating Temperature                    |                                     | -10°C ~ +55°C   |   |   |  |   |  | -10°C ~ +55°C  |  |  |
| Humidity                                 |                                     | 0~95% non-condensing  |   |   |  |   |  | 0~95% non-condensing   |  |  |
| Dimension (mm)                           |                                     | Magnet :<br>37(H) x 70(W) x 25(D)<br>(L Bracket included)<br><br>Armature Plate :<br>32(H) x 60(W) x 8(D) | Magnet :<br>38(H) x100(W) x 38(D)<br><br>Armature Plate :<br>28(H) x74(W) x 8(D)<br><br>Door Holder (included)<br>74(L) x 28(W) x 48(H) | Magnet :<br>28(H) x 160(W) x 20(D)<br><br>Armature Plate :<br>28(H) x 130(W) x 9(D) | Magnet :<br>39(H) x 166(W) x 21(D)<br><br>Armature Plate :<br>32(H) x 130(W) x 10(D) | <b>AR-0600M</b><br>Magnet :<br>47(H) x 251(W) x 25(D)<br>Armature Plate :<br>38(H) x 185(W) x 12(D)<br><b>AR-0600M-DB</b><br>Magnet :<br>48(H) x 502(W) x 25(D)<br>Armature Plate :<br>38(H) x 185(W) x 12(D)* 2units | Magnet :<br>38(H) x 228(W) x 27(D)<br><br>Armature Plate :<br>50(H) x 185(W) x 45(D) | <b>AR-1200M</b><br>Magnet :<br>74(H) x 266(W) x 40(D)<br>Armature Plate :<br>61(H) x 185(W) x 16(D)<br><b>AR-1200M-DB</b><br>Magnet :<br>74(H) x 532(W) x 40(D)<br>Armature Plate :<br>61(H) x 185(W)x 16(D)* 2units | <b>AR-0400WF</b><br>Magnet :<br>35(H) x 164(W) x 27(D)<br>Armature Plate :<br>32(H) x 130(W) x 11(D)<br><b>AR-0400WS</b><br>Magnet :<br>41(H) x 164(W) x 27(D)<br>Armature Plate :<br>32(H) x 130(W) x 10(D) | <b>AR-1500WF</b><br>Magnet :<br>63(H) x 203(W) x 40(D)<br>Armature Plate :<br>61(H) x 185(W) x 17(D)<br><b>AR-1500WS</b><br>Magnet :<br>70(H) x 224(W) x 42(D)<br>Armature Plate :<br>61(H) x 185(W) x 16(D) |
| Bracket Type                             | *Z&L Bracket                        | L Bracket (included)  | —   | —   | AR-0300MZL   | AR-0600MZL  | —  | AR-1200MZL   | AR-0400MZL   | AR-1500MZL-WF<br>AR-1500MZL-WS   |
|  | Armature Plate Bracket (MA Bracket) | —   | —   | —   | —  | AR-0600M-MA   | —  | AR-1200M-MA  | —  | —  |
|  | U Bracket                           | —   | —   | —   | AR-0300M/0400M-U   | AR-0600M-U  | —  | —  | AR-0300M/0400M-U   | —  |
| Electronic Magnetic Lock Net Weight (kg) |                                     | approx. 0.25kg  | approx. 0.75kg  | approx. 0.6kg   | approx. 0.95kg   | AR-0600M: approx. 1.2kg<br>AR-0600M-DB:approx. 3.1kg  | approx. 1.01kg   | AR-1200M: approx. 3.2kg<br>AR-1200M-DB: approx. 6.2kg  | 0400WF: approx. 0.90kg<br>0400WS: approx. 1.30kg   | 1500WF: approx. 3.10kg<br>1500WS: approx. 3.50kg   |
| Door Monitoring Output                   |                                     | NO  |   |   | YES  |   | YES  | YES  | —  | —  |
| LED indicator                            |                                     | NO  |   |   | YES  |   | NO   | YES  | —  | —  |
| Igress Protection (IP)                   |                                     | —   |   |   |  |   |  | IP66   |  |  |

|                |  | Z&L Bracket  |  |  |   | Armature Plate Bracket   |   | U Bracket            |                      |                    |                    |
|----------------|--|--|--|--|---|--|---|----------------------|----------------------|--------------------|--------------------|
|                |  | AR-0300MZL   | AR-0600MZL   | AR-1200MZL   | AR-0400MZL  | AR-1500MZL-WF  | AR-1500MZL-WS   | AR-MA-46190          | AR-1200M-MA          | AR-0300M/0400M-U   | AR-0600M-U         |
| Dimension (mm) |  | L Bracket :<br>43(H)x166(W)x29(D)<br>Z Bracket :<br>43(H)x166(W)x43(D) | L Bracket :<br>50(H)x250(W)x33(D)<br>Z Bracket :<br>50(H)x190(W)x50(D) | L Bracket :<br>75(H)x266(W)x48(D)<br>Z Bracket :<br>72(H)x190(W)x72(D) | L Bracket :<br>43(H)x166(W)x33(D)<br>Z Bracket :<br>43(H)x166(W)x100(D) | L Bracket :<br>69(H)x198(W)x43(D)<br>Z Bracket :<br>66(H)x184(W)x66(D) | L Bracket :<br>72(H)x190(W)x144(D)<br>Z Bracket :<br>78(H)x225(W)x48(D) | 46(H)x190(W)x19.5(D) | 67.5(H)x190(W)x21(D) | 50(H)x110(W)x22(D) | 50(H)x210(W)x22(D) |