

EM-600C



Power Supply:	DC12V ONLY
Holding Force:	600 lbs/ 272 kg
Current:	500 mA
Door Signal :	No
Lock Signal :	No (Unmonitored)
Instant Release:	No
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 250 (L) x 26 (D) x 41 (W) mm ; Armature Dimension: 170 (L) x 11 (D) x 38 (W) mm

EM-600



Power Supply:	DC12V / DC24V
Holding Force:	600 lbs/ 272 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	No (Unmonitored)
Instant Release:	YES (Available For Double Lock)
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 250 (L) x 26 (D) x 41 (W) mm ; Armature Dimension: 170 (L) x 11 (D) x 38 (W) mm
Available in:	Double Lock EM600x 2

EM-600A



Power Supply:	DC12V / DC24V
Holding Force:	600 lbs/ 272 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	No (Unmonitored)
Instant Release:	Yes
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 250 (L) x 26 (D) x 41 (W) mm ; Armature Dimention: 170 (L) x 11 (D) x 38 (W) mm

EM-600AL



Power Supply:	DC12V / DC24V
Holding Force:	600 lbs/ 272 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	YES (Available For Double Lock)
Instant Release:	Yes
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 250 (L) x 26 (D) x 41 (W) mm ; Armature Dimention: 170 (L) x 11 (D) x 38 (W) mm

EM-600L



Power Supply:	DC12V / DC24V
Holding Force:	600 lbs/ 272 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	YES (Monitored, Built-In Bond Sensor)
Instant Release:	YES (Available For Double Lock)
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 250 (L) x 26 (D) x 41 (W) mm ; Armature Dimention: 170 (L) x 11 (D) x 38 (W) mm
Available in:	Double Lock EM600L x2

EM-600LD



Power Supply:	DC12V / DC24V
Holding Force:	600 lbs/ 272 kg
Current:	250 / 500 mA
Door Signal :	YES (Built-In Reed Switch)
Lock Signal :	YES (Monitored, Built-In Bond Sensor)
Instant Release:	YES (Available For Double Lock)
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 250 (L) x 26 (D) x 41 (W) mm ; Armature Dimention: 170 (L) x 11 (D) x 38 (W) mm
Available in:	Double Lock EM600LD x2

EM-600M MORTISE LOCK



Power Supply:	DC12V / DC24V
Holding Force:	600 lbs/ 272 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	NO (Unmonitored)
Instant Release:	Yes
Security Type:	Power Off Unlock (Fail-Safe)
Suitable For:	High security rooms, wooden or solid sliding doors.
Dimension:	Lock Dimension: 232 (L) x 27 (D) x 38 (W) mm ; Armature Dimension: 170 (L) x 11 (D) x 38 (W) mm

MAGNETIC DOOR LOCK SERIES

EM-600MR MORTISE LOCK



Power Supply:	DC12V / DC24V
Holding Force:	600 lbs/ 272 kg
Current:	250 / 500 mA
Door Signal :	YES (Built-In Reed Switch)
Lock Signal :	NO (Unmonitored)
Instant Release:	Yes
Security Type:	Power Off Unlock (Fail-Safe)
Suitable For:	High security rooms, wooden or solid sliding doors.
Dimension:	Lock Dimension: 232 (L) x 27 (D) x 38 (W) mm ; Armature Dimension: 170 (L) x 11 (D) x 38 (W) mm

EM-800S STAINLESS STEEL GATE LOCK



Power Supply:	DC12V / DC24V
Holding Force:	600 lbs/ 272 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	NO (Unmonitored)
Instant Release:	Yes
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 220 (L) x 29 (D) x 46 (W) mm ; Armature Dimension: 180 (L) x 12 (D) x 44 (W) mm

EM-1200S STAINLESS STEEL GATE LOCK



Power Supply:	DC12V / DC24V
Holding Force:	1200 lbs/ 544 kg
Current:	250 / 500 mA
IP Rating:	IP66 (Weatherproof)
Door Signal :	No
Lock Signal :	NO (Unmonitored)
Instant Release:	Yes
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 220 (L) x 43 (D) x 62 (W) mm ; Armature Dimension: 185 (L) x 17 (D) x 61 (W) mm

EM-1200



Power Supply:	DC12V / DC24V
Holding Force:	1200 lbs/ 544 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	NO (Unmonitored)
Instant Release:	YES (Available For Double Lock)
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 265 (L) x 40 (D) x 66 (W) mm ; Armature Dimention: 185 (L) x 17 (D) x 60 (W) mm
Available in:	Double Lock EM1200 x2

EM-1200L



Power Supply:	DC12V / DC24V
Holding Force:	1200 lbs/ 544 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	YES (Monitored, Built-In Bond Sensor)
Instant Release:	YES (Available For Double Lock)
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 265 (L) x 40 (D) x 66 (W) mm ; Armature Dimention: 185 (L) x 17 (D) x 60 (W) mm
Available in:	Double Lock EM1200L x2

EM-1200LD



Power Supply:	DC12V / DC24V
Holding Force:	1200 lbs/ 544 kg
Current:	250 / 500 mA
Door Signal :	YES (Built-In Reed Switch)
Lock Signal :	YES (Monitored, Built-In Bond Sensor)
Instant Release:	YES (Available For Double Lock)
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 265 (L) x 40 (D) x 66 (W) mm ; Armature Dimention: 185 (L) x 17 (D) x 60 (W) mm
Available in:	Double Lock EM1200LD x2

EM-300



Power Supply:	DC12V / DC24V
Holding Force:	300 lbs/ 136 kg
Current:	165 / 330 mA
Door Signal :	No
Lock Signal :	NO (Unmonitored)
Instant Release:	No
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 170 (L) x 22 (D) x 40 (W) mm ; Armature Dimention: 130 (L) x 11 (D) x 33 (W) mm

EM-1500



Power Supply:	DC12V / DC24V
Holding Force:	1500 lbs/ 680 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	NO (Unmonitored)
Instant Release:	Yes
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 280 (L) x 46 (D) x 76 (W) mm ; Armature Dimension: 200 (L) x 17 (D) x 70 (W) mm

EM-1500L



Power Supply:	DC12V / DC24V
Holding Force:	1500 lbs/ 680 kg
Current:	250 / 500 mA
Door Signal :	No
Lock Signal :	YES (Monitored, Built-In Bond Sensor)
Instant Release:	Yes
Security Type:	Power Off Unlock (Fail-Safe)
Dimension:	Lock Dimension: 280 (L) x 46 (D) x 76 (W) mm ; Armature Dimension: 200 (L) x 17 (D) x 70 (W) mm

EM LOCK BRACKET INSTALLATION REFERENCE



ARMATURE PLATE



L BRACKET

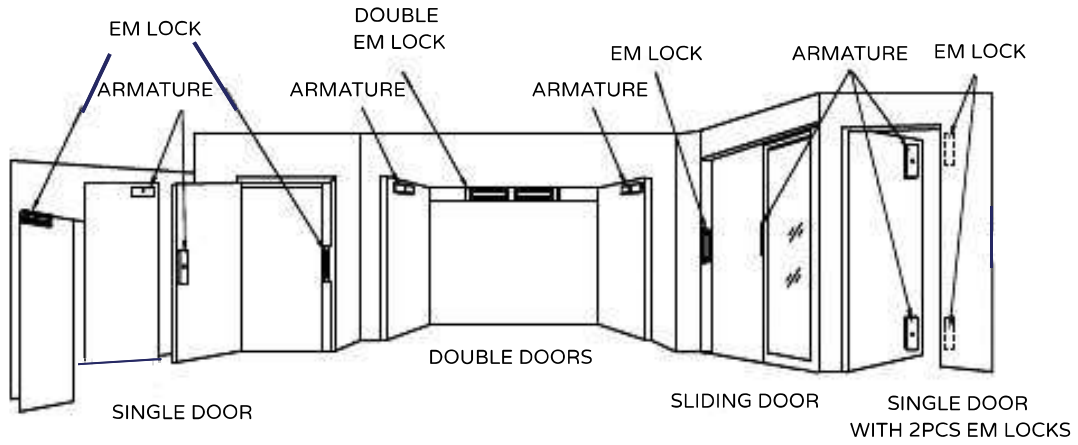


ZL BRACKET



U BRACKET FOR
GLASS DOOR

EM LOCK INSTALLATION REFERENCE



Circuit Board:

ELOCK electromagnetic lock circuit boards are carefully design to ensure it is 99.9% failure free. Electronic components inside purchase through authorize distributor to guarantee that parts is genuine original. A low quality magnetic lock, circuit board design is very simple, electronic component inside is not genuine.

Resistance Measurement:

ELOCK electromagnetic lock support dual voltage, 12VDC and 24VDC. This selection can be done by setting jumper at pin header terminal. When remove all jumpers and measure / test the pin header terminals, coil resistance should be 50 ohms. Below 50ohms consider as low quality electromagnetic lock.

Current Value After Power ON:

ELOCK electromagnetic lock, when supply 12VDC, it consume 450mA to 500mA current. While 24VDC, it consume 250mA current. This means lock holding force is good, maintain at 600lbs or 1200lbs. Below this standard current value, consider as low electromagnetic lock as holding force is below 600lbs or 1200lbs standard.

Insulation value:

ELOCK electromagnetic lock, every single lock must undergo a high-pot test to ensure insulation is 100% pass, typical value must above 50 Megaohm. Below this Megaohm value consider a fail, low quality electromagnetic lock.

Copper Wire:

ELOCK electromagnetic lock, used high heat resistance EIW pure copper wire for all series. This is to ensure durable and long lasting operation in door access system. A low quality electromagnetic lock used low heat resistance, not pure copper wire, thus will fail in short period of time.

Laminated E-Core:

ELOCK electromagnetic lock, used a customized thin laminated steel plate to reduce / minimized power loss in coil and maximize magnetic field to armature plate. A low quality electromagnetic lock used thick laminated steel plate, thus power loss happen in coil.

Physical Appearance:

ELOCK electromagnetic lock, armature plate surface finish is smooth and luster. Anodized aluminium turn EM lock aluminium housing into corrosive resistance, decorative and durable. There are 3 horizontal lines show unique & quality identity of ELOCK electromagnetic lock. A low quality electromagnetic lock, armature surface and aluminium housing finish is very rough.