

# EMG

## Electromagnetic Locks Global





# Contents

|                       |    |
|-----------------------|----|
| EMG Introduction      | 04 |
| EMG Surface Mounted   | 08 |
| EMG Mortise Mounted   | 16 |
| EMG Weather Resistant | 22 |
| Mounting Brackets     | 26 |

## Area of use

EMG electromagnetic locks offer a simple and economical locking solution for access control systems in commercial, public and residential buildings. A wide range of maglock types and mounting brackets ensure the right fit on many door types and applications.

Maglocks can be easily installed. As the electrified locks are installed on door frames, there is no need to wire the door leaves. Good upgrade option for existing doors with traditional mechanical hardware.

All maglocks operate in fail-safe mode, ensuring safe passage at emergency doors in case of a power outage. Safe operation with pre-load applied.

EMG maglocks offer different monitoring options with lock and door status signals and a bi-colored LED lens.

Maglocks are suitable for long lifetime applications, as the holding force is generated by an electromagnetic field and not by mechanically interacting components that could wear out.

## Certificates

|                           |                                                |                                                                                     |
|---------------------------|------------------------------------------------|-------------------------------------------------------------------------------------|
| Certification             | CE, RoHS, UKCA                                 |    |
| Performance test          | Yes (holding force, durability 350.000 cycles) |  |
| Fire resistance test      | Yes                                            |  |
| Corrosion resistance test | Yes (48h)                                      |  |

## LED design

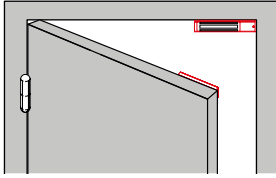
Big LED lens in oblong design. High luminosity.

|                 |                 |
|-----------------|-----------------|
| Green light     | locked          |
| Red light       | not locked      |
| Not illuminated | no power supply |

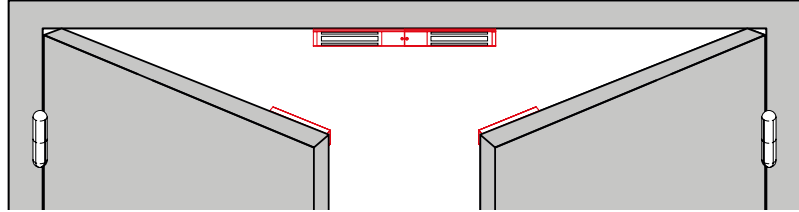


## Typical mounting applications

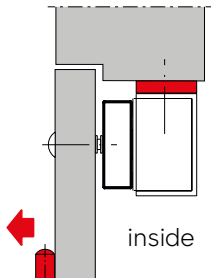
Single swing door



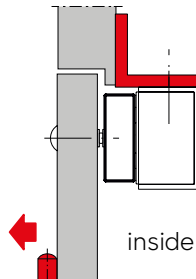
Double swing door



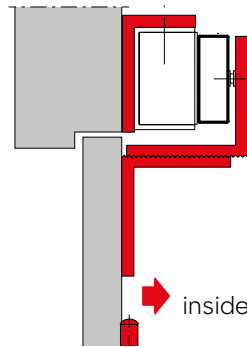
Regular installation



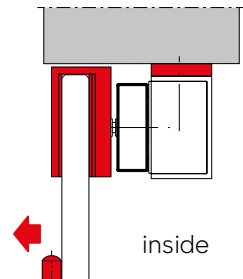
L-bracket for narrow door frame



LZ bracket for inswing doors

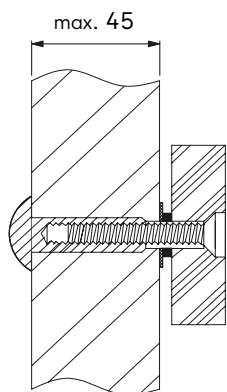


U-bracket for frameless glass doors

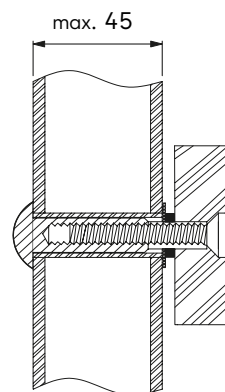


## Mounting of the armature plate

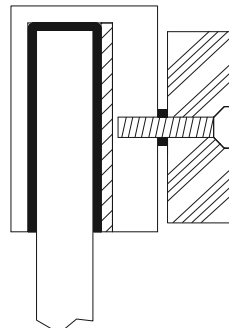
Wooden door



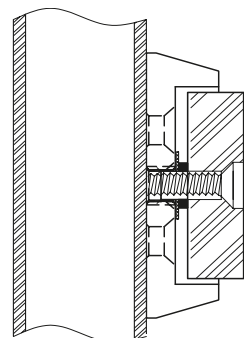
Aluminum or PVC door



Glass door  
10 to 12.5 mm  
U bracket



Armature plate holder  
when door thickness > 45 mm or  
the door cannot be drilled through



# Terminology

## EMG – Electro-Magnetic Locks – New Standard Range Global

| Maglock series | Holding force<br>(lbf, pound force) | Type                                                    | Signals     |     |             |
|----------------|-------------------------------------|---------------------------------------------------------|-------------|-----|-------------|
|                |                                     |                                                         | Lock Status | LED | Door Status |
| EMG            | 300<br>600<br>1200                  | Single ( )<br>Double (-2)<br>Mortise (M)<br>Weather (W) | A           | L   | C           |

## EMG Brackets

| Maglock series | Holding force<br>(lbf, pound force) | Type<br>Mounting accessories (optional)                                       |
|----------------|-------------------------------------|-------------------------------------------------------------------------------|
| EMG-B          | 300<br>600<br>1200                  | L bracket for outswing doors with narrow frame                                |
|                |                                     | LC covered L bracket                                                          |
|                |                                     | LZ bracket for inswing doors                                                  |
|                |                                     | LZC covered LZ bracket                                                        |
|                |                                     | U bracket for frameless glass doors                                           |
|                |                                     | UU bracket for full glass application (door and frame)                        |
|                |                                     | UUR bracket for right door leaf of double full glass doors (UU for left door) |
|                |                                     | AH armature plate holder for door thicknesses greater than 45 mm              |
|                |                                     | AHC armature plate holder for maglock types with door status signal (C)       |
|                |                                     | AB armature base as alternative to AH / AHC                                   |
|                |                                     | W L L bracket for weather resistant maglock types                             |
|                |                                     | W LZ LZ bracket for weather resistant maglock types                           |

## Symbols / Abbreviations for monitoring options

A  Lock status signal

L  LED indication

C  Door status signal

| Combination Matrix | Brackets | EMG-B 300 L | EMG-B 300 LZ | EMG-B 300 U | EMG-B 600 L | EMG-B 600 LC | EMG-B 600 LZ | EMG-B 600 LZC | EMG-B 600 U | EMG-B 600 UU | EMG-B 600 UUR | EMG-B 600 AH | EMG-B 600 AHC | EMG-B 600 AB | EMG-B 1200 L | EMG-B 1200 LC | EMG-B 1200 LZ | EMG-B 1200 LZC | EMG-B 1200 U | EMG-B 1200 AH | EMG-B 1200 AHC | EMG-B 1200 AB | EMG-B 600-W L | EMG-B 600-W Z | EMG-B 1200-W L | EMG-B 1200-W Z |
|--------------------|----------|-------------|--------------|-------------|-------------|--------------|--------------|---------------|-------------|--------------|---------------|--------------|---------------|--------------|--------------|---------------|---------------|----------------|--------------|---------------|----------------|---------------|---------------|---------------|----------------|----------------|
|                    |          |             |              |             |             |              |              |               |             |              |               |              |               |              |              |               |               |                |              |               |                |               |               |               |                |                |
| Maglocks           |          |             |              |             |             |              |              |               |             |              |               |              |               |              |              |               |               |                |              |               |                |               |               |               |                |                |
| EMG 300            |          | ●           | ●            | ●           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 300 AL         |          | ●           | ●            | ●           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 300-2          |          | ●           | ●            | ●           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 300-2 AL       |          | ●           | ●            | ●           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 300-M          |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 300-M A        |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600            |          | -           | -            | -           | ●           | ●            | ●            | ●             | ●           | ●            | -             | ●            | -             | ●            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600 AL         |          | -           | -            | -           | ●           | ●            | ●            | ●             | ●           | ●            | -             | ●            | -             | ●            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600 ALC        |          | -           | -            | -           | ●           | ●            | ●            | ●             | ●           | ●            | -             | -            | ●             | ●            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600-2          |          | -           | -            | -           | ●           | ●            | ●            | ●             | ●           | ●            | ●             | ●            | -             | ●            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600-2 AL       |          | -           | -            | -           | ●           | ●            | ●            | ●             | ●           | ●            | ●             | ●            | -             | ●            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600-2 ALC      |          | -           | -            | -           | ●           | ●            | ●            | ●             | ●           | ●            | ●             | -            | ●             | ●            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600-M          |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600-M A        |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 600-W A        |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | ●             | ●             | -              | -              |
| EMG 1200           |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | ●            | ●             | ●             | ●              | ●            | ●             | ●              | -             | ●             | -             | -              | -              |
| EMG 1200 AL        |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | ●            | ●             | ●             | ●              | ●            | ●             | ●              | -             | ●             | -             | -              | -              |
| EMG 1200 ALC       |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | ●            | ●             | ●             | ●              | ●            | -             | ●              | ●             | -             | -             | -              | -              |
| EMG 1200-2         |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | ●            | ●             | ●             | ●              | ●            | ●             | ●              | -             | ●             | -             | -              | -              |
| EMG 1200-2 AL      |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | ●            | ●             | ●             | ●              | ●            | ●             | ●              | -             | ●             | -             | -              | -              |
| EMG 1200-2 ALC     |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | ●            | ●             | ●             | ●              | ●            | -             | ●              | ●             | -             | -             | -              | -              |
| EMG 1200-M         |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 1200-M A       |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | -              | -              |
| EMG 1200-W A       |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | ●              | ●              |
| EMG 1500-W A       |          | -           | -            | -           | -           | -            | -            | -             | -           | -            | -             | -            | -             | -            | -            | -             | -             | -              | -            | -             | -              | -             | -             | -             | ●              | ●              |

● Yes    - No

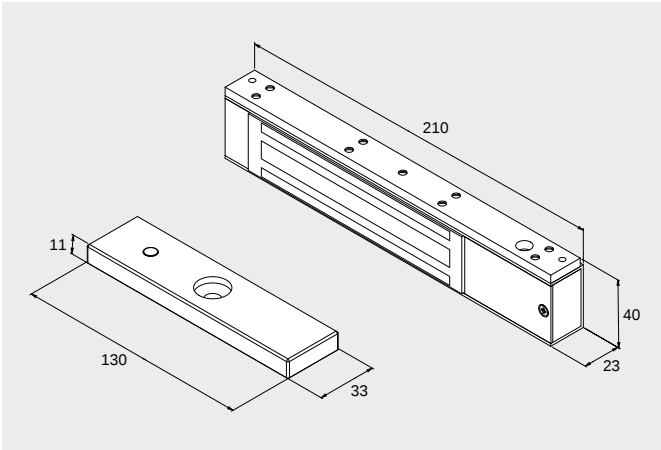


# EMG Surface Mounted

| Typ            | Article No.   | Holding force (lbf) | Swing door |        | Monitoring |               |            |               |
|----------------|---------------|---------------------|------------|--------|------------|---------------|------------|---------------|
|                |               |                     | Single     | Double | without    | lock status A | LED lens L | door status C |
| EMG 300        | 1100003130100 | 300                 | ●          |        | ●          |               |            |               |
| EMG 300 AL     | 1100003130102 |                     | ●          |        |            | ●             | ●          |               |
| EMG 300-2      | 1100003130104 |                     |            | ●      | ●          |               |            |               |
| EMG 300-2 AL   | 1100003130106 |                     |            | ●      |            | ●             | ●          |               |
| EMG 600        | 1100003130201 | 600                 | ●          |        | ●          |               |            |               |
| EMG 600 AL     | 1100003130203 |                     | ●          |        |            | ●             | ●          |               |
| EMG 600 ALC    | 1100003130205 |                     | ●          |        |            | ●             | ●          | ●             |
| EMG 600-2      | 1100003130211 |                     |            | ●      | ●          |               |            |               |
| EMG 600-2 AL   | 1100003130213 |                     |            | ●      |            | ●             | ●          |               |
| EMG 600-2 ALC  | 1100003130215 |                     |            | ●      |            | ●             | ●          | ●             |
| EMG 1200       | 1100003130301 | 1200                | ●          |        | ●          |               |            |               |
| EMG 1200 AL    | 1100003130303 |                     | ●          |        |            | ●             | ●          |               |
| EMG 1200 ALC   | 1100003130305 |                     | ●          |        |            | ●             | ●          | ●             |
| EMG 1200-2     | 1100003130311 |                     |            | ●      | ●          |               |            |               |
| EMG 1200-2 AL  | 1100003130313 |                     |            | ●      |            | ●             | ●          |               |
| EMG 1200-2 ALC | 1100003130315 |                     |            | ●      |            | ●             | ●          | ●             |

# EMG 300 / EMG 300 AL

Single electromagnetic lock for interior application with low security level. Aluminum housing.  
Typical use case: single leaf swing doors (lightweight, glass), cabinets. Top mounting bracket and mounting material for regular installation included. Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 210 x 40 x 23 – height including 5 mm top-bracket  
Armature plate 130 x 33 x 11

| EMG 300                  |                                                           |
|--------------------------|-----------------------------------------------------------|
| Holding force            | up to 300 lbf                                             |
| Voltage                  | 24 V DC (default)   12 V DC selectable                    |
| Current input at 12 V DC | 300 mA ±10%                                               |
| Current input at 24 V DC | 150 mA ±10%                                               |
| Operating temperature    | -10 to 55°C   14 to 131°F                                 |
| Operating principle      | Fail-safe<br>(unlocked if power is off)                   |
| LED colors*              | Green = locked   Red = not locked   Off = no power supply |

\* applicable for AL type

## EMG 300

Article No. 1100003130100



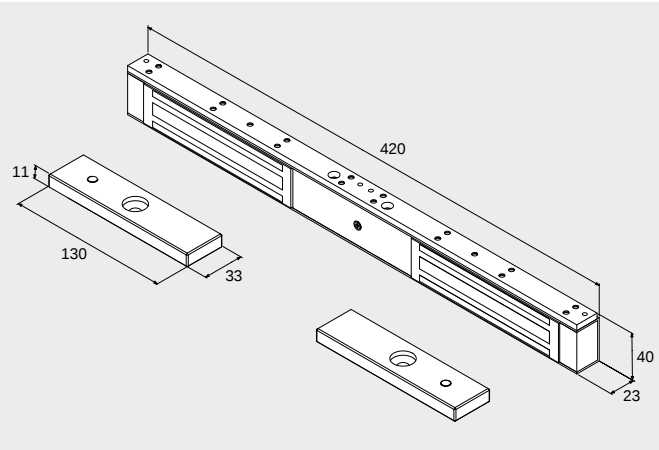
## EMG 300 AL

Article No. 1100003130102



# EMG 300-2 / EMG 300-2 AL

Double electromagnetic lock for interior application with low security level. Aluminum housing.  
Typical use case: double leaf swing doors (lightweight, glass). Top mounting bracket and mounting material for regular installation included. Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 420 x 40 x 23 – height including 5 mm top-bracket  
Armature plate (2x) 130 x 33 x 11

| EMG 300-2                |                                                           |
|--------------------------|-----------------------------------------------------------|
| Holding force            | 2 x up to 300 lbf                                         |
| Voltage                  | 24 V DC (default)   12 V DC selectable                    |
| Current input at 12 V DC | 2 x 300 mA ±10%                                           |
| Current input at 24 V DC | 2 x 150 mA ±10%                                           |
| Operating temperature    | -10 to 55°C   14 to 131°F                                 |
| Operating principle      | Fail-safe<br>(unlocked if power is off)                   |
| LED colors*              | Green = locked   Red = not locked   Off = no power supply |

\* applicable for AL type

## EMG 300-2

Article No. 1100003130104



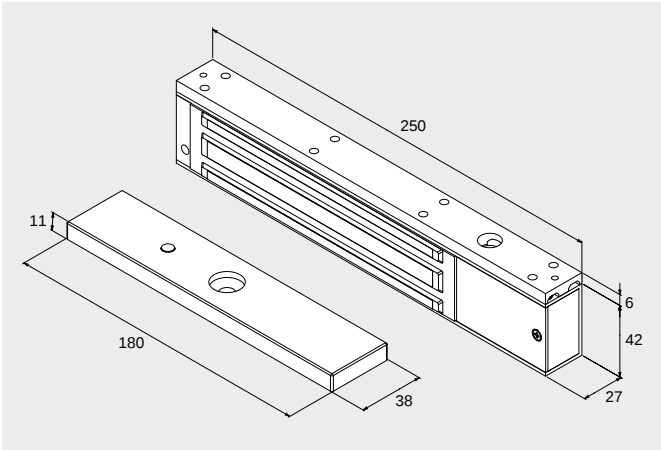
## EMG 300-2 AL

Article No. 1100003130106



# EMG 600 / EMG 600 AL / EMG 600 ALC

Single electromagnetic lock for interior application with low to medium security level. Aluminum housing.  
Typical use case: single leaf swing doors (standard, glass). Top mounting bracket and mounting material for regular installation included. Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 250 x 48 x 27 – height including 6 mm top-bracket  
Armature plate 180 x 38 x 11 | 190 x 38 x 11 (ALC type)

| EMG 600                  |                                                           |
|--------------------------|-----------------------------------------------------------|
| Holding force            | up to 600 lbf                                             |
| Voltage                  | 24 V DC (default)   12 V DC selectable                    |
| Current input at 12 V DC | 480 mA ±10%                                               |
| Current input at 24 V DC | 240 mA ±10%                                               |
| Operating temperature    | -10 to 55°C   14 to 131°F                                 |
| Operating principle      | Fail-safe<br>(unlocked if power is off)                   |
| LED colors*              | Green = locked   Red = not locked   Off = no power supply |

\* applicable for AL and ALC types

## EMG 600

Article No. 1100003130201



## EMG 600 AL

Article No. 1100003130203



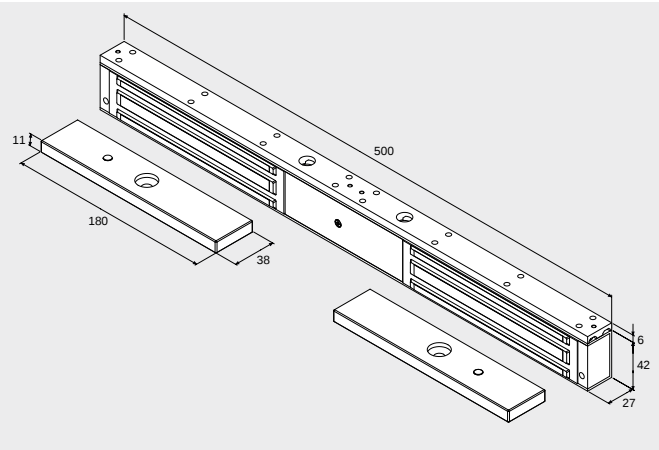
## EMG 600 ALC

Article No. 1100003130205



# EMG 600-2 / EMG 600-2 AL / EMG 600-2 ALC

Double electromagnetic lock for interior application with low to medium security level. Aluminum housing.  
Typical use case: double leaf swing doors (standard, glass). Top mounting bracket and mounting material for regular installation included. Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 500 x 48 x 27 – height including 6 mm top-bracket  
Armature plate 180 x 38 x 11 | 190 x 38 x 11 (ALC type)

| EMG 600-2                |                                                           |
|--------------------------|-----------------------------------------------------------|
| Holding force            | 2 x up to 600 lbf                                         |
| Voltage                  | 24 V DC (default)   12 V DC selectable                    |
| Current input at 12 V DC | 2 x 480 mA ±10%                                           |
| Current input at 24 V DC | 2 x 240 mA ±10%                                           |
| Operating temperature    | -10 to 55°C   14 to 131°F                                 |
| Operating principle      | Fail-safe<br>(unlocked if power is off)                   |
| LED colors*              | Green = locked   Red = not locked   Off = no power supply |

\* applicable for AL and ALC types

## EMG 600-2

Article No. 1100003130211



## EMG 600-2 AL

Article No. 1100003130213



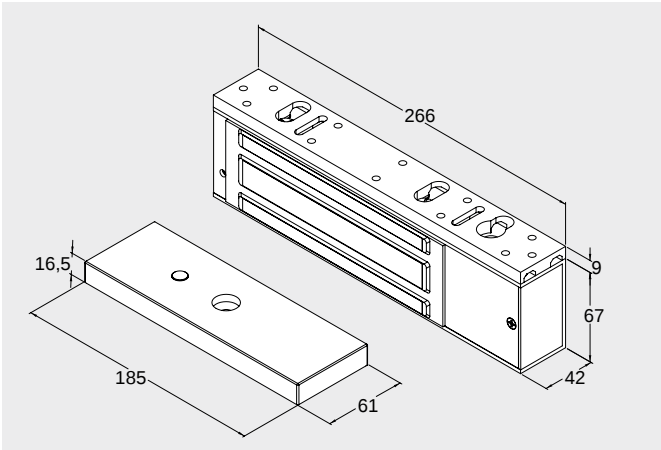
## EMG 600-2 ALC

Article No. 1100003130215



# EMG 1200 / EMG 1200 AL / EMG 1200 ALC

Single electromagnetic lock for interior application with medium to high security level. Aluminum housing.  
Typical use case: single leaf swing doors. Top mounting bracket and mounting material for regular installation included.  
Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 266 x 76 x 42 – height including 9 mm top-bracket  
Armature plate 185 x 61 x 16.5 | 201 x 61 x 16.5 (ALC type)

| EMG 1200                 |                                                           |
|--------------------------|-----------------------------------------------------------|
| Holding force            | up to 1200 lbf                                            |
| Voltage                  | 24 V DC (default)   12 V DC selectable                    |
| Current input at 12 V DC | 420 mA ±10%                                               |
| Current input at 24 V DC | 210 mA ±10%                                               |
| Operating temperature    | -10 to 55°C   14 to 131°F                                 |
| Operating principle      | Fail-safe<br>(unlocked if power is off)                   |
| LED colors*              | Green = locked   Red = not locked   Off = no power supply |

\* applicable for AL and ALC types

## EMG 1200

Article No. 1100003130301



## EMG 1200 AL

Article No. 1100003130303



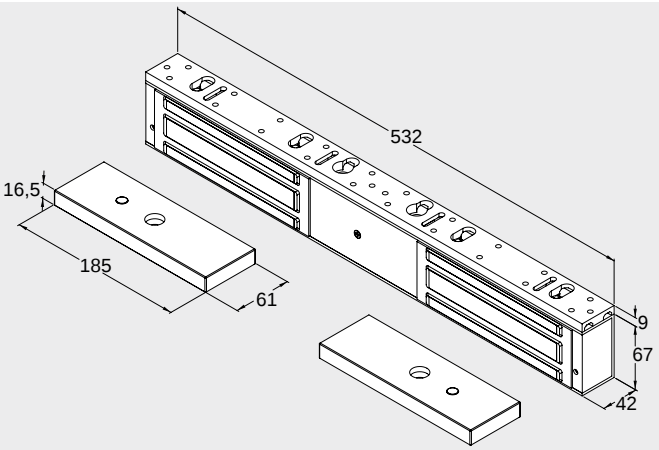
## EMG 1200 ALC

Article No. 1100003130305



# EMG 1200-2 / EMG 1200-2 AL / EMG 1200-2 ALC

Double electromagnetic lock for interior application with medium to high security level. Aluminum housing.  
Typical use case: double leaf swing doors. Top mounting bracket and mounting material for regular installation included.  
Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 532 x 76 x 42 – height including 9 mm top-bracket  
Armature plate 185 x 61 x 16.5 | 201 x 61 x 16.5 (ALC type)

| EMG 1200-2               |                                                           |
|--------------------------|-----------------------------------------------------------|
| Holding force            | 2 x up to 1200 lbf                                        |
| Voltage                  | 24 V DC (default)   12 V DC selectable                    |
| Current input at 12 V DC | 2 x 420 mA ±10%                                           |
| Current input at 24 V DC | 2 x 210 mA ±10%                                           |
| Operating temperature    | -10 to 55°C   14 to 131°F                                 |
| Operating principle      | Fail-safe<br>(unlocked if power is off)                   |
| LED colors*              | Green = locked   Red = not locked   Off = no power supply |

\* applicable for AL and ALC types

## EMG 1200-2

Article No. 1100003130311



## EMG 1200-2 AL

Article No. 1100003130313



## EMG 1200-2 ALC

Article No. 1100003130315



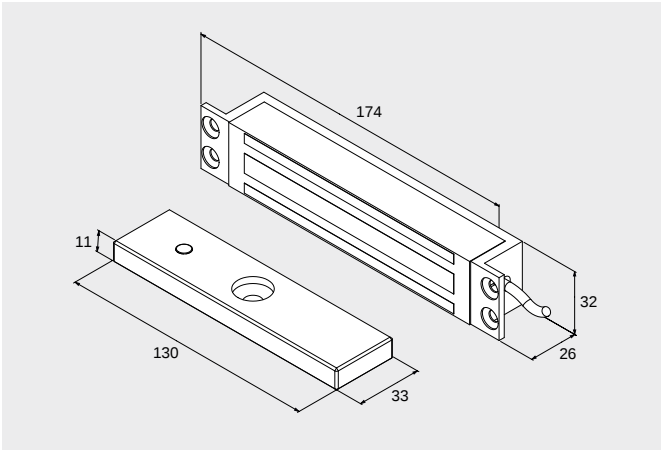


# EMG Mortise Mounted

| Typ          | Article No.   | Holding<br>force<br>(lbf) | Monitoring |                  |
|--------------|---------------|---------------------------|------------|------------------|
|              |               |                           | without    | lock status<br>A |
| EMG 300-M    | 1100003130108 | 300                       | ●          |                  |
| EMG 300-M A  | 1100003130109 | 300                       |            | ●                |
| EMG 600-M    | 1100003130217 | 600                       | ●          |                  |
| EMG 600-M A  | 1100003130218 | 600                       |            | ●                |
| EMG 1200-M   | 1100003130317 | 1200                      | ●          |                  |
| EMG 1200-M A | 1100003130318 | 1200                      |            | ●                |

# EMG 300-M / EMG 300-M A

Single mortise mounted maglock for low security applications. Aluminum housing.  
Typical use case: interior sliding doors. Mounting material included.



Size L x H x W (mm)  
Maglock 174 x 32 x 26  
Armature plate 130 x 33 x 11

| EMG 300-M                |                                         |
|--------------------------|-----------------------------------------|
| Holding force            | up to 300 lbf                           |
| Voltage                  | 24 V DC (default)   12 V DC selectable  |
| Current input at 12 V DC | 300 mA +10%                             |
| Current input at 24 V DC | 150 mA +10%                             |
| Operating temperature    | -10 to 55°C   14 to 131°F               |
| Operating principle      | Fail-safe<br>(unlocked if power is off) |

EMG 300-M

Article No. 1100003130108



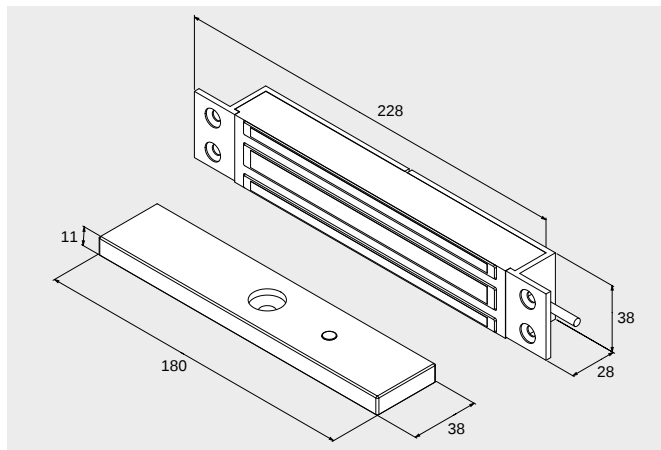
EMG 300-M A

Article No. 1100003130109



## EMG 600-M / EMG 600-M A

Single mortise mounted maglock for medium security applications. Aluminum housing.  
Typical use case: interior sliding doors. Mounting material included.



Size L x H x W (mm)  
Maglock 228 x 38 x 28  
Armature plate 180 x 38 x 11

| EMG 600-M                |                                         |
|--------------------------|-----------------------------------------|
| Holding force            | up to 600 lbf                           |
| Voltage                  | 24 V DC (default)   12 V DC selectable  |
| Current input at 12 V DC | 480 mA $\pm$ 10%                        |
| Current input at 24 V DC | 240 mA $\pm$ 10%                        |
| Operating temperature    | -10 to 55°C   14 to 131°F               |
| Operating principle      | Fail-safe<br>(unlocked if power is off) |

### EMG 600-M

Article No. 1100003130217



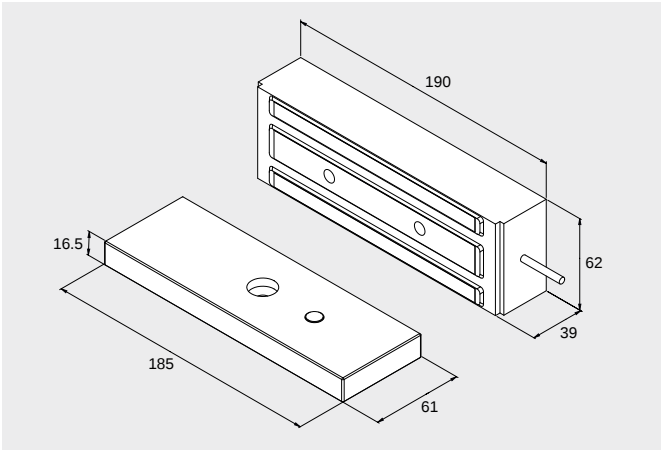
### EMG 600-M A

Article No. 1100003130218



# EMG 1200-M / EMG 1200-M A

Single mortise mounted maglock for medium to high security applications.  
Aluminum housing. Mounting material included.



Size L x H x W (mm)  
Maglock 190 x 62 x 39  
Armature plate 185 x 61 x 16.5

| EMG 1200-M               |                                         |
|--------------------------|-----------------------------------------|
| Holding force            | up to 1200 lbf                          |
| Voltage                  | 24 V DC (default)   12 V DC selectable  |
| Current input at 12 V DC | 420 mA ±10%                             |
| Current input at 24 V DC | 210 mA ±10%                             |
| Operating temperature    | -10 to 55°C   14 to 131°F               |
| Operating principle      | Fail-safe<br>(unlocked if power is off) |

## EMG 1200-M

Article No. 1100003130317



## EMG 1200-M A

Article No. 1100003130318





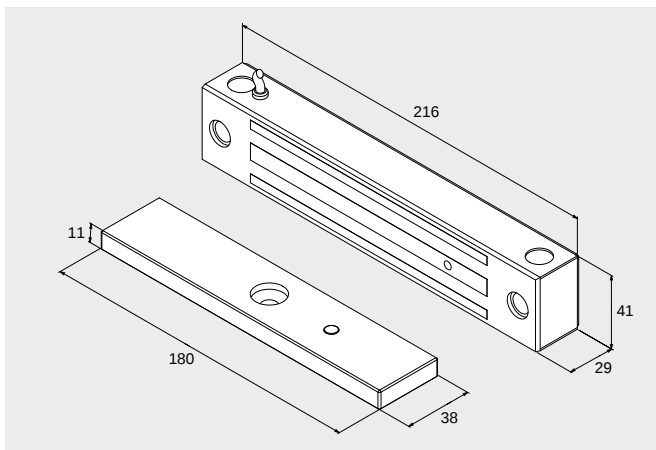


# EMG Weather Resistant

| Typ          | Article No.   | Holding force (lbf) | Monitoring    |
|--------------|---------------|---------------------|---------------|
|              |               |                     | lock status A |
| EMG 600-W A  | 1100003130219 | 600                 | ●             |
| EMG 1200-W A | 1100003130319 | 1200                | ●             |
| EMG 1500-W A | 1100003130320 | 1500                | ●             |

## EMG 600-W A

Single weather resistant maglock for low to medium security outdoor applications. Stainless steel housing.  
Typical use case: exterior doors or gates. Mounting bracket and installation material included. Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 216 x 41 x 29  
Armature plate 180 x 38 x 11

| EMG 600-W A              |                                         |
|--------------------------|-----------------------------------------|
| Holding force            | up to 600 lbf                           |
| Voltage                  | 24 V DC (default)   12 V DC selectable  |
| Current input at 12 V DC | 480 mA ±10%                             |
| Current input at 24 V DC | 240 mA ±10%                             |
| Operating temperature    | -10 to 55°C   14 to 131°F               |
| Operating principle      | Fail-safe<br>(unlocked if power is off) |

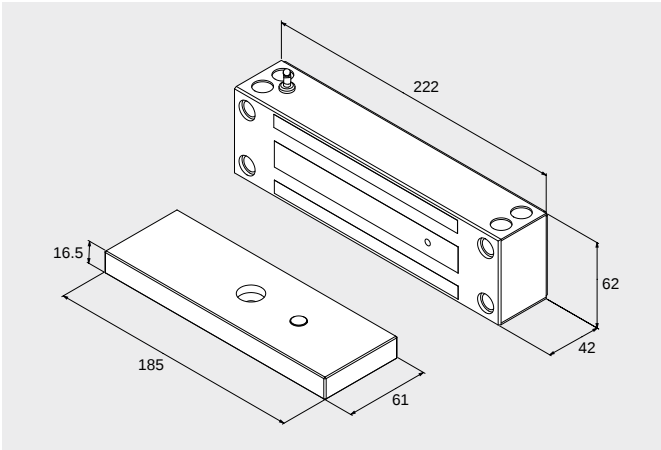
### EMG 600-W A

Article No. 1100003130219



# EMG 1200-W A

Single weather resistant maglock for medium security outdoor applications. Stainless steel housing.  
Typical use case: exterior doors or gates. Mounting bracket and installation material included. Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 222 x 62 x 42  
Armature plate 185 x 61 x 16.5

| EMG 1200-W A             |                                         |
|--------------------------|-----------------------------------------|
| Holding force            | up to 1200 lbf                          |
| Voltage                  | 24 V DC (default)   12 V DC selectable  |
| Current input at 12 V DC | 420 mA ±10%                             |
| Current input at 24 V DC | 210 mA ±10%                             |
| Operating temperature    | -10 to 55°C   14 to 131°F               |
| Operating principle      | Fail-safe<br>(unlocked if power is off) |

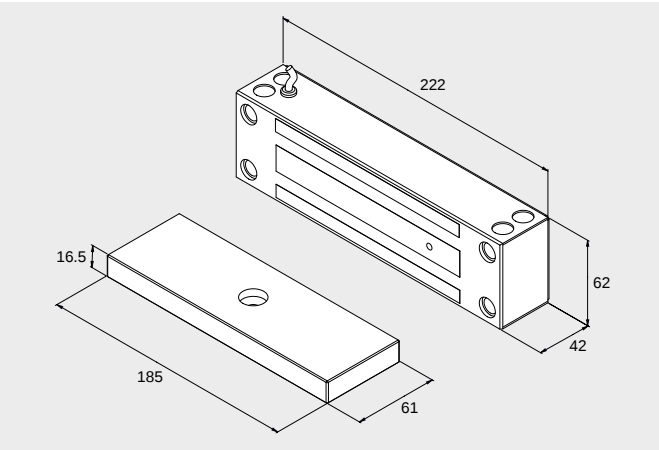
## EMG 1200-W A

Article No. 1100003130319



# EMG 1500-W A

Single weather resistant maglock for high security outdoor applications. Stainless steel housing.  
Typical use case: exterior doors or gates. Mounting bracket and installation material included. Other bracket options described in chapters "EMG Introduction" and "Mounting Brackets".



Size L x H x W (mm)  
Maglock 222 x 62 x 42  
Armature plate 185 x 61 x 16.5

| EMG 1500-W A             |                                         |
|--------------------------|-----------------------------------------|
| Holding force            | up to 1500 lbf                          |
| Voltage                  | 24 V DC (default)   12 V DC selectable  |
| Current input at 12 V DC | 480 mA ±10%                             |
| Current input at 24 V DC | 240 mA ±10%                             |
| Operating temperature    | -10 to 55°C   14 to 131°F               |
| Operating principle      | Fail-safe<br>(unlocked if power is off) |

## EMG 1500-W A

Article No. 1100003130320



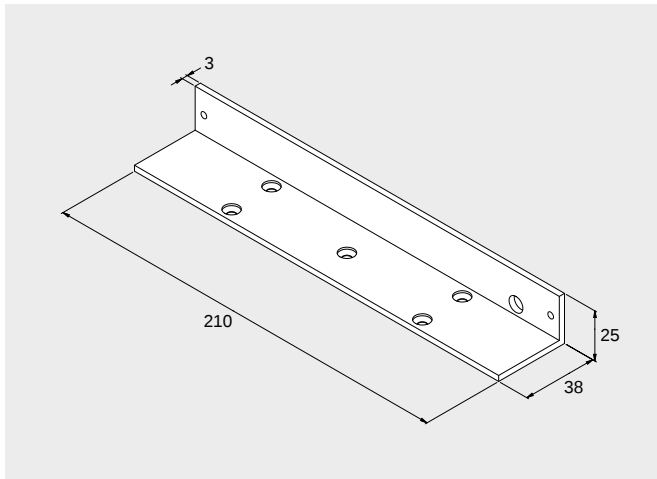


# Mounting Brackets

The bracket terminology is described in the chapter "EMG Introduction".

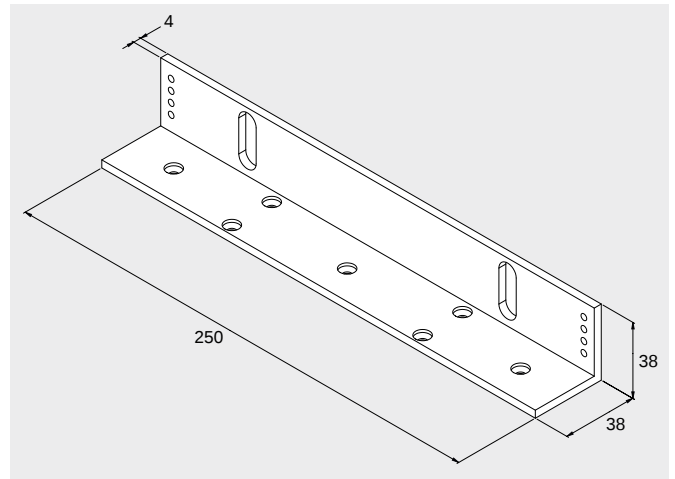
The combination matrix indicates which brackets are suitable for which maglock types.

## L Brackets / LC Bracket



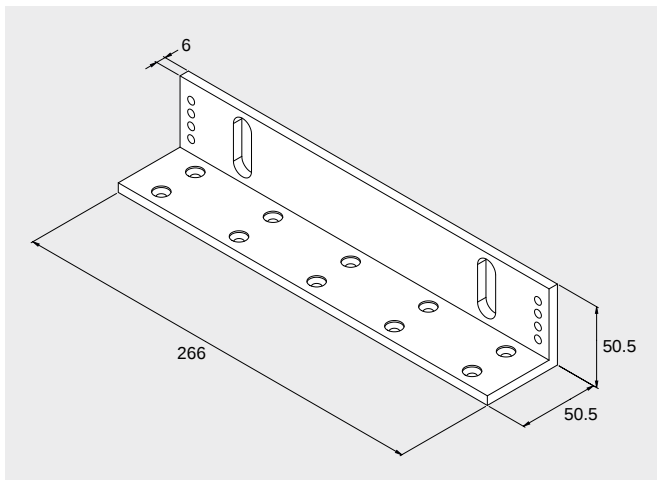
**EMG-B 300 L**

Article No. 1100003130501



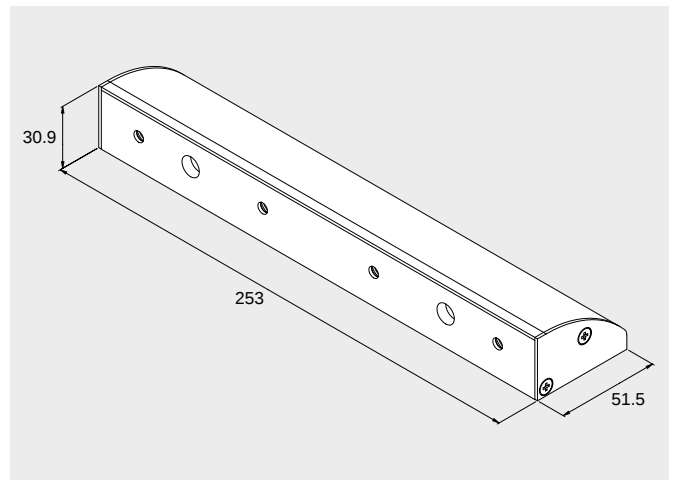
**EMG-B 600 L**

Article No. 1100003130507



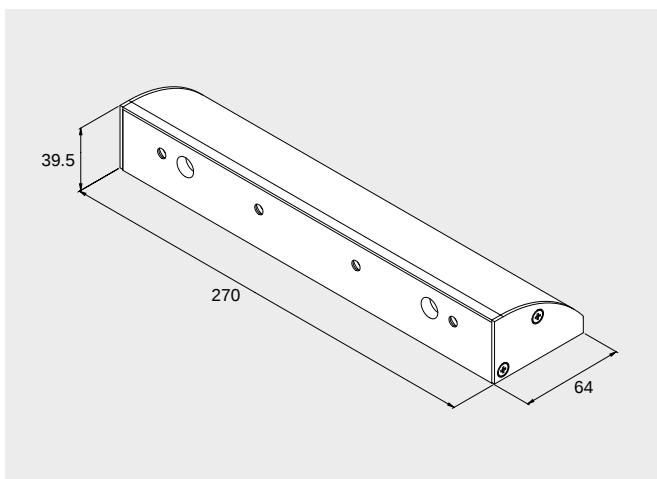
**EMG-B 1200 L**

Article No. 1100003130523



**EMG-B 600 LC**

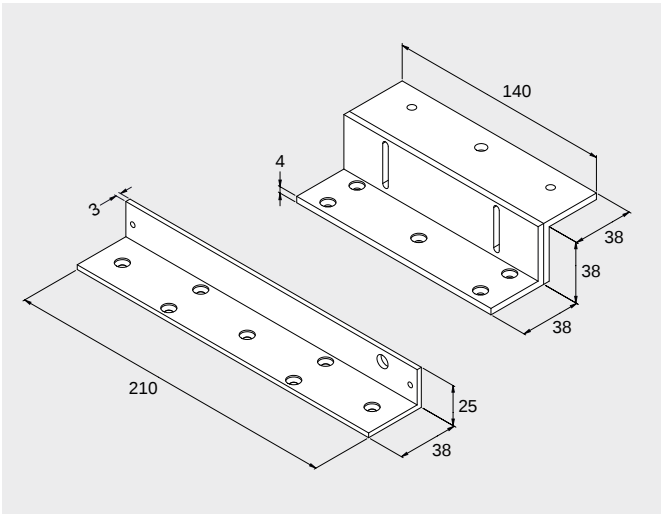
Article No. 1100003130509



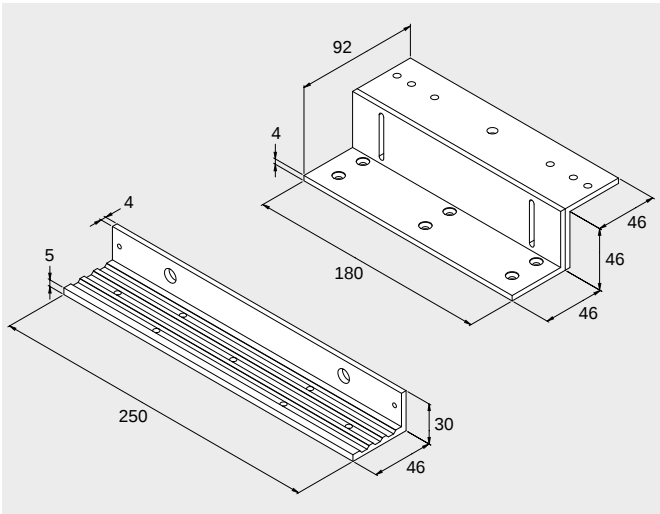
**EMG-B 1200 LC**

Article No. 1100003130525

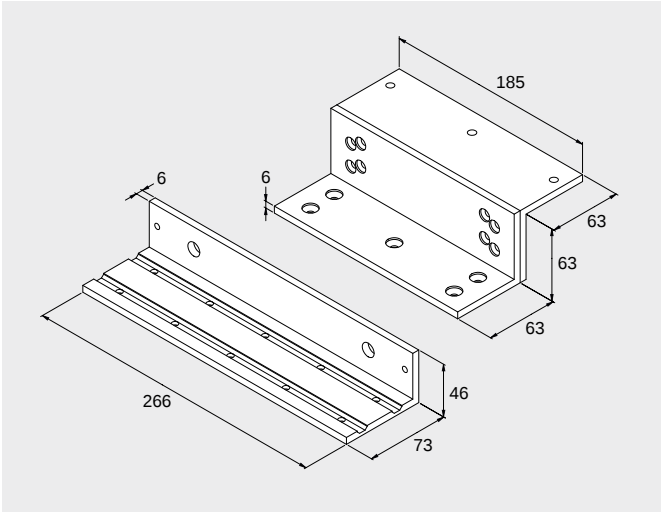
LZ Brackets / LZC Bracket



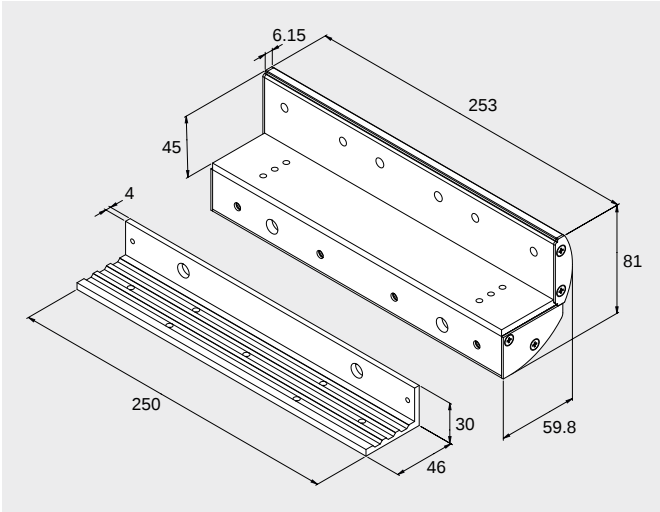
EMG-B 300 LZ Article No. 1100003130503



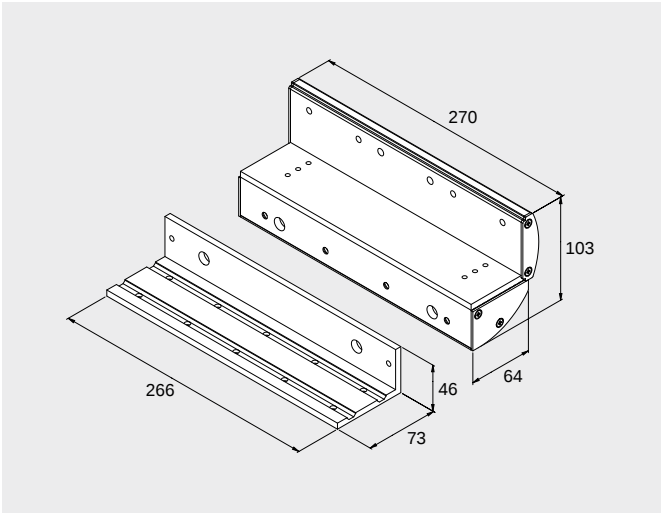
EMG-B 600 LZ Article No. 1100003130511



EMG-B 1200 LZ Article No. 1100003130527

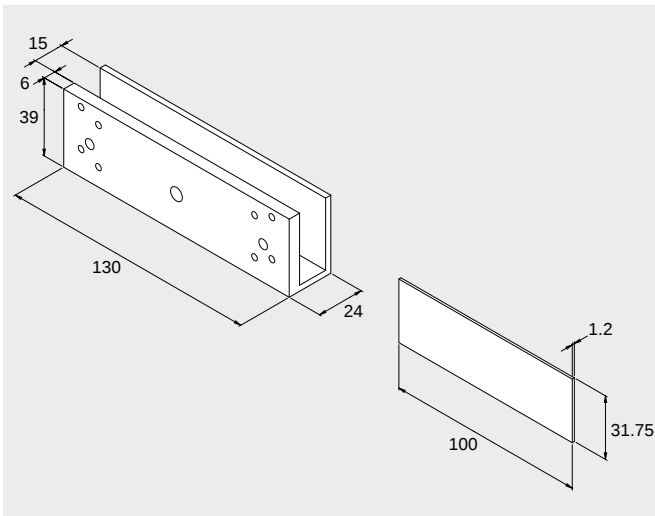


EMG-B 600 LZC Article No. 1100003130513



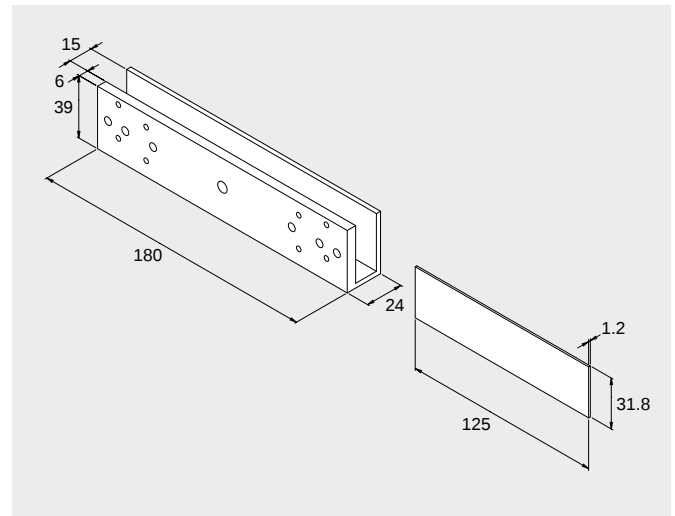
EMG-B 1200 LZC Article No. 1100003130529

## U Brackets / UU Bracket



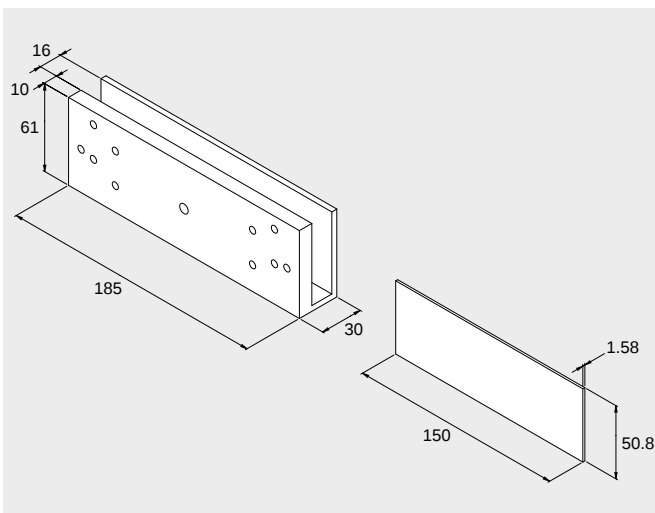
**EMG-B 300 U**

Article No. 1100003130505



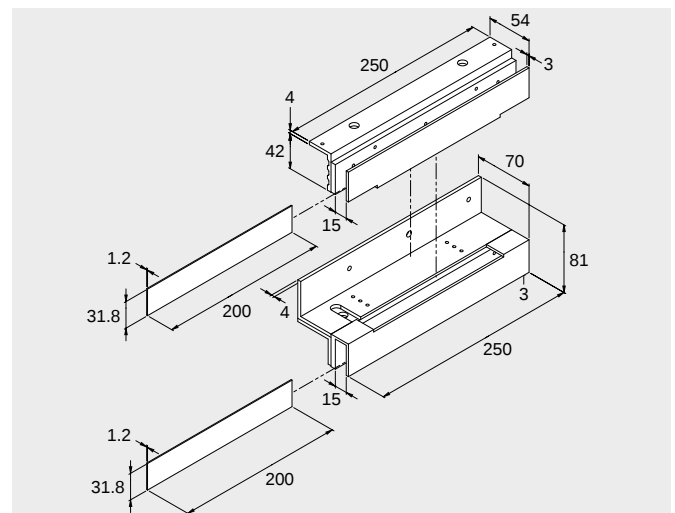
**EMG-B 600 U**

Article No. 1100003130515



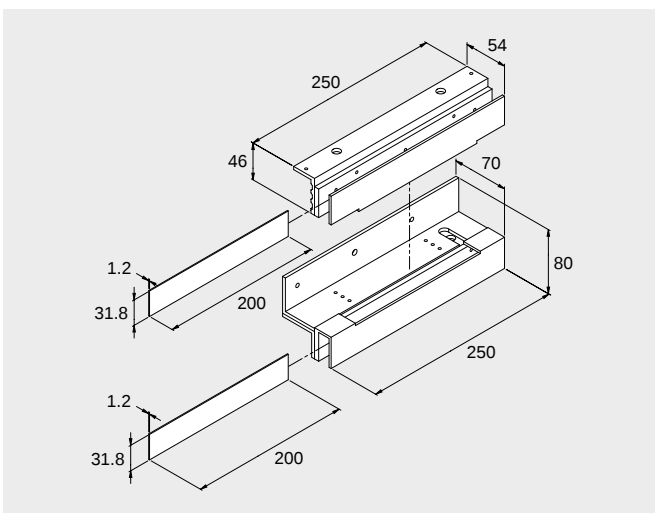
**EMG-B 1200 U**

Article No. 1100003130531



**EMG-B 600 UU**

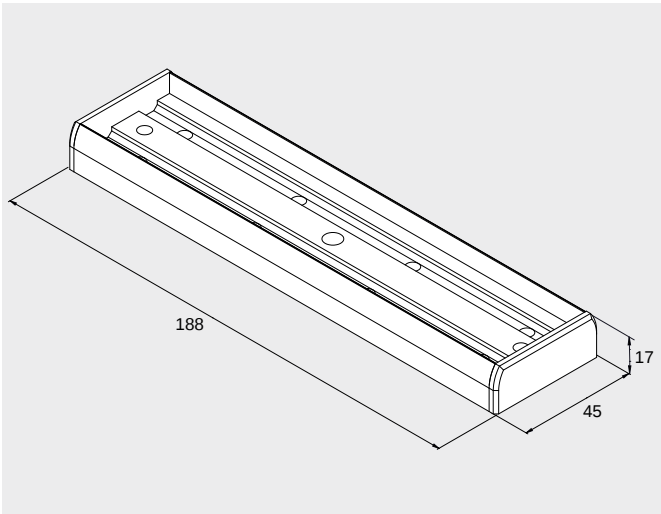
Article No. 1100003130517



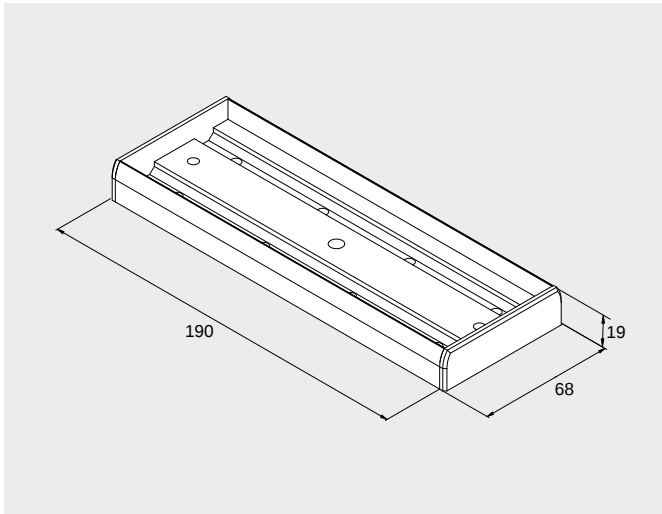
**EMG-B 600 UUR**

Article No. 1100003130543

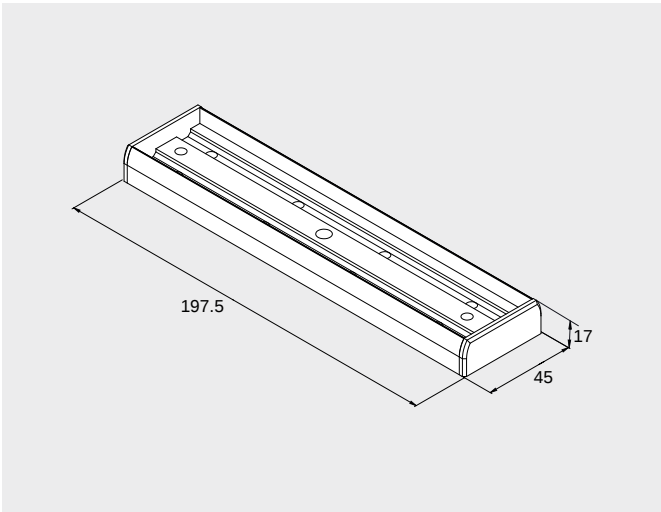
AH / AHC Brackets



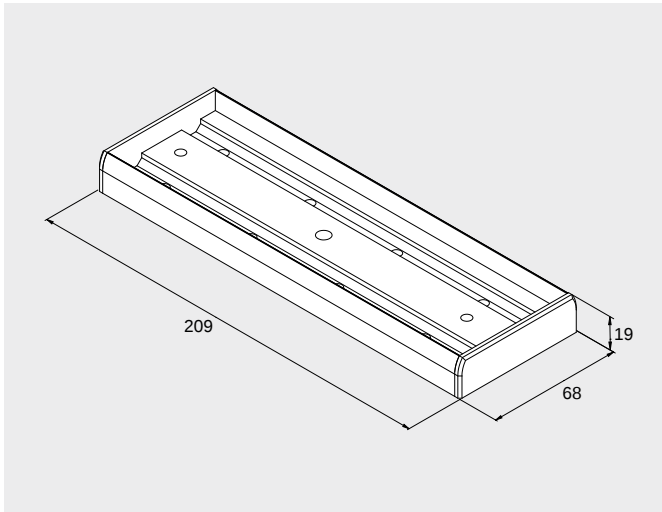
EMG-B 600 AH Article No. 1100003130519



EMG-B 1200 AH Article No. 1100003130533

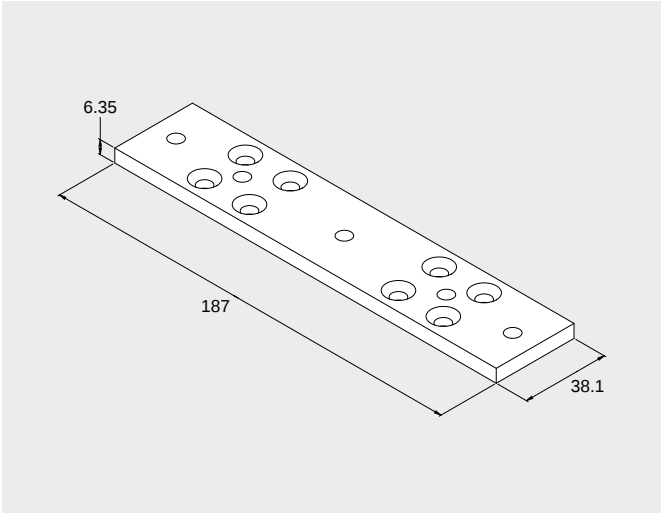


EMG-B 600 AHC Article No. 1100003130541

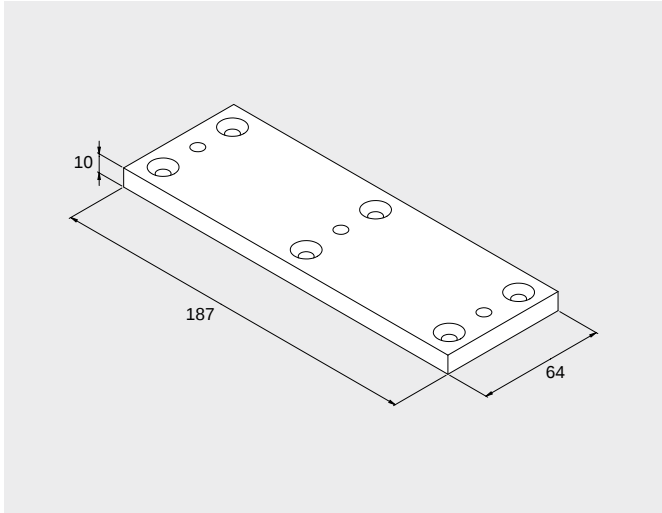


EMG-B 1200 AHC Article No. 1100003130545

AB Bracket

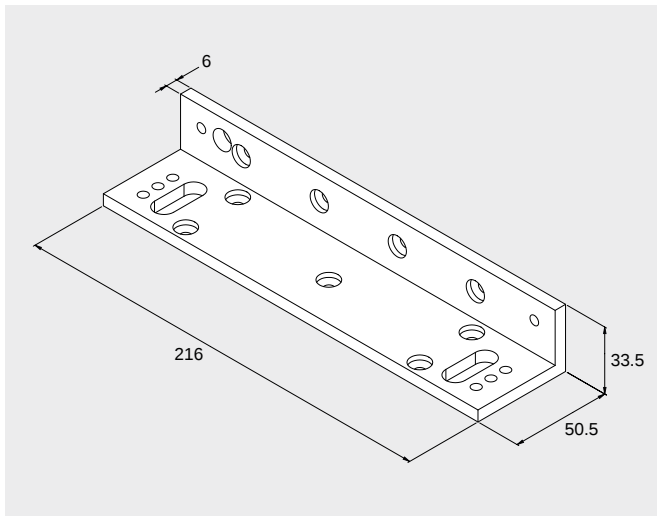


EMG-B 600 AB Article No. 1100003130521



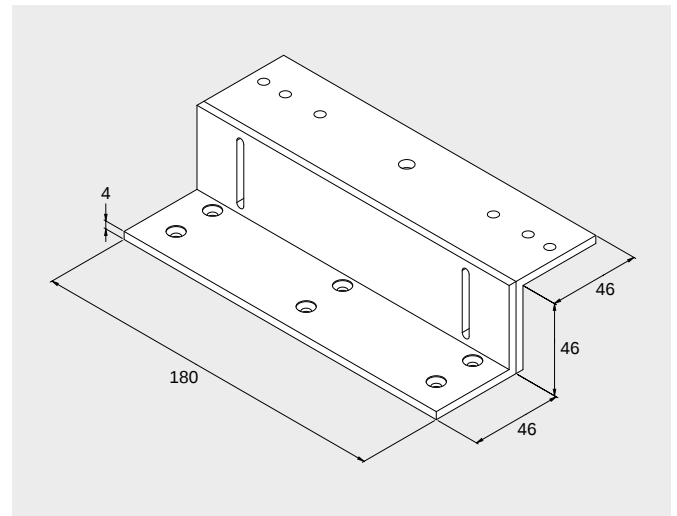
EMG-B 1200 AB Article No. 1100003130535

## W Brackets



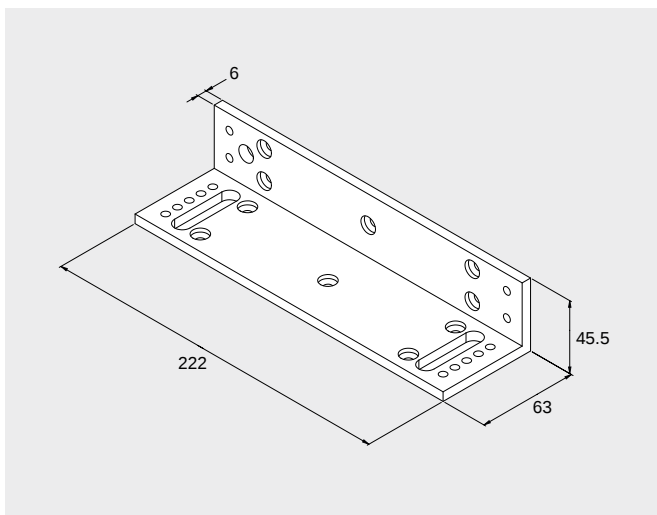
**EMG-B 600-W L**

Article No. 1100003130537



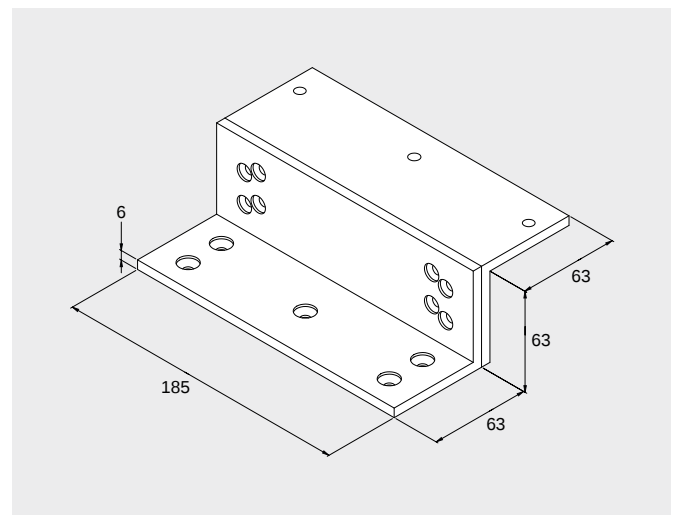
**EMG-B 600-W Z**

Article No. 1100003130538



**EMG-B 1200-W L**

Article No. 1100003130539



**EMG-B 1200-W Z**

Article No. 1100003130540



## Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations.

At dormakaba, we are dedicated to find sustainable solutions that reduce the environmental impact of both our operations and our products. To ensure transparency regarding our products' environmental impacts, we offer credentials such as Environmental Product Declarations (EPD), Health Product Declarations (HPD), and Recycled Content Certificates. These sustainability-related credentials provide insights into energy efficiency, material composition, recyclability, and compliance, empowering our customers to make informed choices and support their own sustainability objectives.

Download our sustainability-related product declarations and certifications here: <https://www.dormakabagroup.com/en/sustainability/product-declarations>



## Our offering

### Access Automation Solutions

Entrance Automation  
Entrance Security



### Access Control Solutions

Electronic Access & Data  
Escape and Rescue Systems  
Lodging Systems



### Access Hardware Solutions

Door Closers  
Architectural Hardware  
Mechanical Key Systems



### Services

Technical Support  
Installation and commissioning  
Maintenance and Repair



EN, 10/2025  
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