

## DEB-02

Maglocks 300/600/1200 LBS  
Brackets: DEB-02



Discovery's DEB-02 high quality magnetic locks are ideal for secure applications where access is restricted, such as office buildings, hospitals, and airports. They have a holding force of 300/600/1200 pounds, respectively, and are easy to install. The attractively designed Maglocks are surface mounted, operate on dual voltage, 12 VDC or 24 VDC, and have low current consumption. These Maglocks are compatible with EN and UL standards.

### GENERAL DESCRIPTION

The DEB-02 are a series of surface mounted magnetic locks with anodized aluminum housing with 300/600/1200 lbs of holding force, respectively. DEB-02 operates on dual voltage (12 VDC or 24 VDC) and low current consumption. In addition, they have built-in voltage spike suppressor and no residual magnetism. Different types and sizes of brackets and housings are available to fit various mounting conditions.

### MAIN FEATURES

- Dual voltage (12 VDC or 24 VDC) by changing a jumper setting
- Built-in voltage spike suppressor
- Compatible with EN55011:1998 class
- B, EN60601-1-2:2002, EN61000-4-1:1995,
- EN61000-4-3:2002 & UL-S5351

### COMPATIBLE BRACKETS

There are 3 series of brackets, consisting of a total of 8 brackets, which are used in conjunction with Discovery's 3 magnetic locks, as follows:

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All brackets are made of aluminum and have an anodized finish.

The two U brackets are suitable for glass doors with a thickness of up to 12 mm (0.47 in.).

The L & Z brackets are applicable for inswing door.

Spacers can be placed between the surface and the magnetic lock to improve functionality and security.

## Specifications

<b>ELECTRICAL SPECIFICATIONS</b>			
Voltage	6 to 16 VDC		
Current	85 mA		
<b>MAGLOCK ENVIRONMENTAL SPECIFICATIONS</b>			
Operating Environment			
<b>MAGLOCK PHYSICAL SPECIFICATIONS</b>			
Holding Force	136 kg (300 lb)	272 kg (600 lb)	544 kg (1200 lb)
Dimensions (L x W x D)	Main: 166 x 38.6 x 21.5 mm (6.54 x 1.52 x 0.85 in.) Contact: 129 x 31.5 x 7.5 mm (5.08 x 1.24 x 0.03 in.)	Main: 250 x 47.2 x 26.6 mm (9.84 x 1.86 x 1.05 in.) Contact: 185 x 37.5 x 11.5 mm (7.28 x 1.47 x 0.45 in.)	Main: 266 x 73 x 40 mm (10.5 x 2.87 x 1.57 in.) Contact: 184 x 60 x 16 mm (7.24 x 2.36 x 0.63 in.)
Weight	Main: 0.63 kg (1.39 lb) Contact: 0.25 kg (0.55 lb)	Main: 1.22 kg (2.7 lb) Contact: 0.66 kg (1.45 lb)	Main: 3.09 kg (6.8 lb) Contact: 1.39 kg (3.06 lb)
<b>BRACKETS PHYSICAL SPECIFICATIONS</b>			
	<b>DEB-02</b>		
Dimensions (L x W x D)	166 x 30 x 42 mm (6.54 x 1.18 x 1.65 in.)		
Weight	145 g (0.32 lb)		
<b>SYSTEM COMPONENTS</b>			
	Discovery's Access Control product line		
<b>PRODUCT WARRANTY</b>			
	One-Year Limited Product Warranty		