

PRODUCT INFORMATION

MEM2400 SERIES MECHANICAL ELECTRO MAGNETIC LOCK

PRODUCT DESCRIPTION

The innovative slimline MEM2400 Series Mechanical Electro Magnetic Lock has been designed as an alternative to standard magnetic locks especially suited for situations where door height or narrow profile door frames create installation restrictions and appearance is of paramount importance. The patented MEM incorporates both magnetic and mechanical design principles to achieve a superior holding force of up to 680kg, whilst being 75% smaller than a standard 600kg Electro Magnet. The MEM2400 is capable of opening with up to 70kg side pressure on the door. The MEM2400 Series also provides full monitoring with Lock Status Sensor (LSS), Door Status Sensor (DSS) and Early Warning (EW) security alarm indication. The device accepts voltages of 12 or 24VDC with low power consumption, 140mA at 24VDC (Standard 600kg Electro Magnets draw 250mA at 24VDC). The device can be interfaced with building management and access control systems to control access and egress to hinged doors including fire rated models.



PART No.	MEM2400LP	MEM2400LED
LIGHT FEATURE	Light Panel (LP)	LED
FUNCTION	Surface mount Outward opening doors	Surface mount Inward opening doors
HOLDING FORCE	Up to 680kg	
VOLTAGE / CURRENT	Dual Voltage 12/24VDC 12VDC/280mA 24VDC/140mA	
APPROVALS	4 hour fire rated to A.S. and B.S. standards	
MONITORING	EW / LSS / DSS	
SIZE	MEM size L= 158mm H= 35mm D= 30mm Armature Plate size L= 120mm H= 30.6mm D= 12.5mm. Anti-Tamper-Bracket size L= 194mm H= 38mm D= 30mm.	
UNITS PER BOX	10 per box	

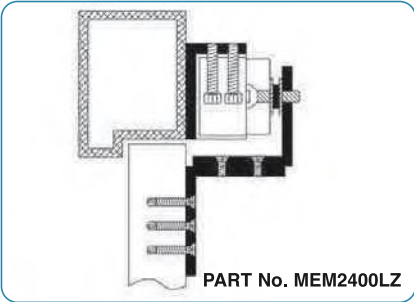
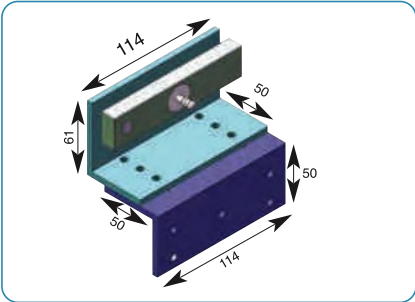
Common Features

- ◆ Slimline design 75% smaller than a standard 600kg magnet
- ◆ High holding force up to 680kg and releases under side load of up to 70kg
- ◆ Dual-Voltage 12/24VDC Low power consumption 24VDC/140mA
- ◆ 5 year warranty
- ◆ Simple installation
- ◆ 4 hour fire rated
- ◆ Full monitoring Lock Status Sensor (LSS) and Door Status Sensor (DSS)
- ◆ Early Warning Alarm (EW)
- ◆ Anti Tamper Bracket (to protect the armature plates fixing bolt)

PRODUCT INFORMATION

MEM2400 SERIES ACCESSORIES

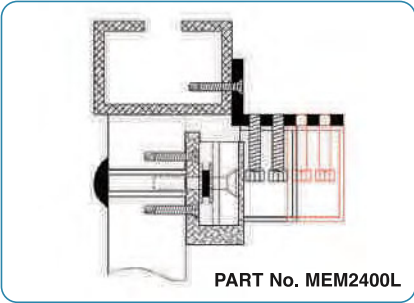
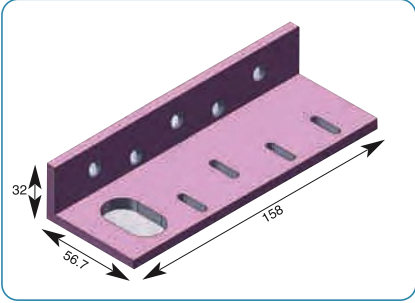
Adjustable L & Z Bracket for inward opening doors



PRODUCT DESCRIPTION

The MEM L&Z Bracket is designed to be used on inward opening doors and only with the MEM2400LED model. Due to the physical size of the light panel feature, the MEM2400LP model cannot not be installed in this application.

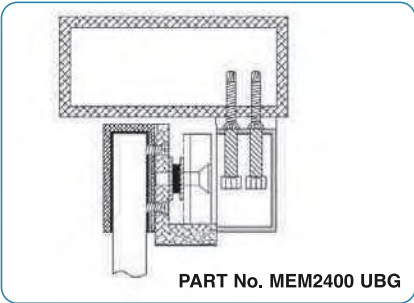
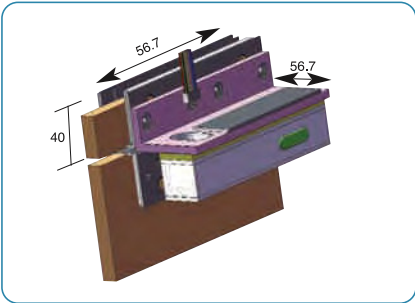
Adjustable L-Bracket for narrow header door frame



PRODUCT DESCRIPTION

The Adjustable L-Bracket is used where there is not enough space to install the MEM device directly to the door frame header. The L-Bracket acts as an extension of the door frame. The Adjustable L-Bracket is also used in combination with the Glass-Door Bracket “U-Profile” when the lock has to be installed onto a frameless glass header.

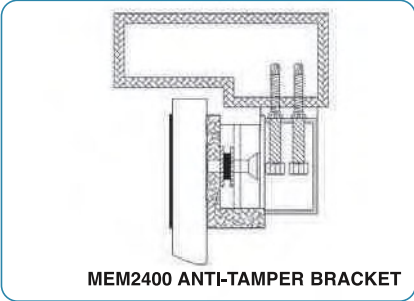
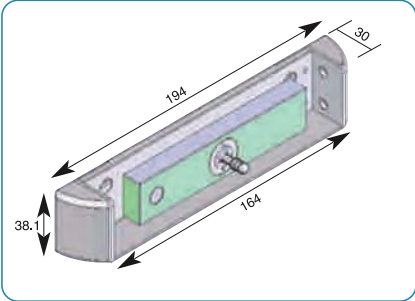
Glass-Door-Bracket “U-profile”



PRODUCT DESCRIPTION

The Glass-Door-Bracket U-Profile is used to clamp-on the MEM lock as well as the armature plate to either a frameless glass door or a frameless glass header. As mentioned above, the adjustable L-Bracket has to be ordered sepreately and can be used on frameless glass headers. The product No.MEM2400UBG has one unit in the box. Frameless glass door and frameless glass frame as one door element would require 2 units of MEM2400UBG as well as 1 unit Adjustable L-Bracket MEM2400L.

Glass-Door mounting “stick-on” with MEM2400 Anti-Tamper Bracket



PRODUCT DESCRIPTION

The MEM2400 Anti-Tamper Bracket comes with the MEM2400 lock as a standard fitting.

The bracket can be used for glass door “stick-on” mounting. We recommend 3M self adhesive tape (e.g. 4910VHB or equivalent) and FSH Dress Plate AMAB4-BC.