

# VORTEX MORTICE DOOR MAGNET



The Vortex Mortice Door Magnet is designed for use when a mortice type installation is required. When external pressure is applied to open the magnet and break the hold of the unit, the pivoting pin head fitted into the electro magnet holes will initiate an additional locking from the upward movement of the integrated ball bearings which hold the pivoting pin head on the armature plate securely. When the power is disengaged from the magnet, it releases its hold on the armature plate and it returns to its normal state. The unit requires a filtered and regulated DC power supply of the correct voltage to ensure the attraction of the armature plate is initiated. The unit operates on 12/24vDC and is complete with two built in SPST reed switch sensors for remote lock monitoring status and remote door monitoring status. The overall holding force of the unit is 1500Kgs.

**High Holding Force**  
Holding Force 1500Kg

**Releases under Side Load Pressure**  
Magnet will release with up to 100Kg of side load pressure when the power is removed

**Weight**  
1.3Kg

**Magnet Body Dimensions**  
226mm(L) x 35.5mm(W) x 26.5mm(D)

**Armature Plate (incl. Bracket) Dimensions**  
226mm(L) x 35.5mm(W) x 25.7mm(D)

**Multiple Voltage Input**  
Any voltage from 12vDC to 24vDC

**Low Current Consumption**

Volts	Current
12v DC	240mA
24vDC	120mA

**Dual Monitoring**  
Locking and door position

**Early Warning Alarm EW Technology**  
Magnets are fitted with EW pressure sensors able to send an alarm before access is gained. Also fitted with buzzer.

ONLY SUITABLE FOR SLIDING DOORS



- Built-in MOV Surge Protection
- Mortice Mounting for Concealed Installation
- Armature Plate Security Bracket
- No Residual Magnetism
- ISO and TUV Tested

**Approvals**  
EN61000-4-2 (1995) + A1 (1998) + A2 (2001)  
EN61000-4-3 (2006) + A1 (2008)  
EN50130-4 (1996) + A1 (1998) + A2 (2003)  
EN55022 (1998) + A1 (2000) + A2 (2003)  
EN61000-4-4 (2004)      EN61000-4-5 (2006)  
EN61000-4-6 (2007)      EN61000-6-2 (2005)  
EN61000-6-3 (2007)

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## Ordering Information/Specifications

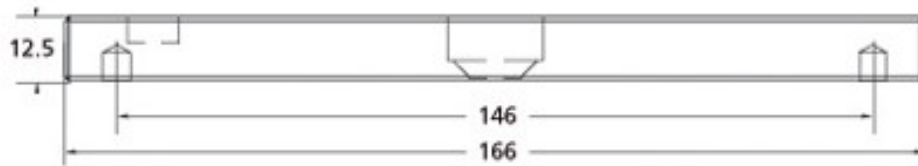
### DESCRIPTION

Small mortice mounted magnet 12/24vDC

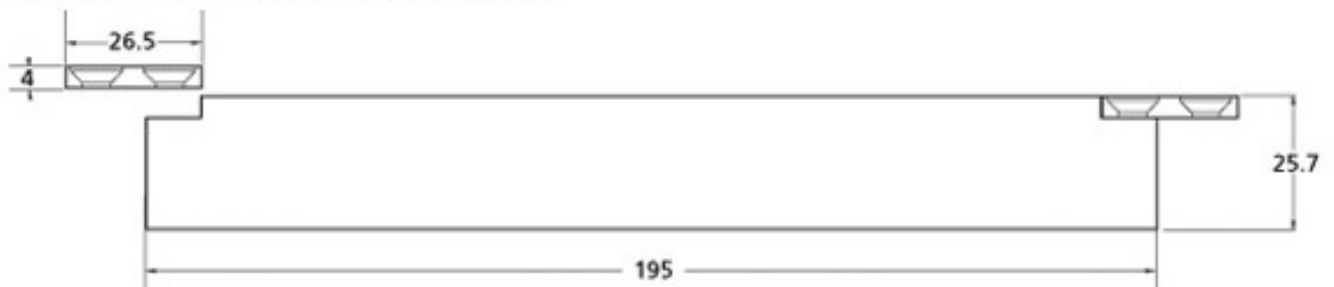
### FINISH

Satin anodised

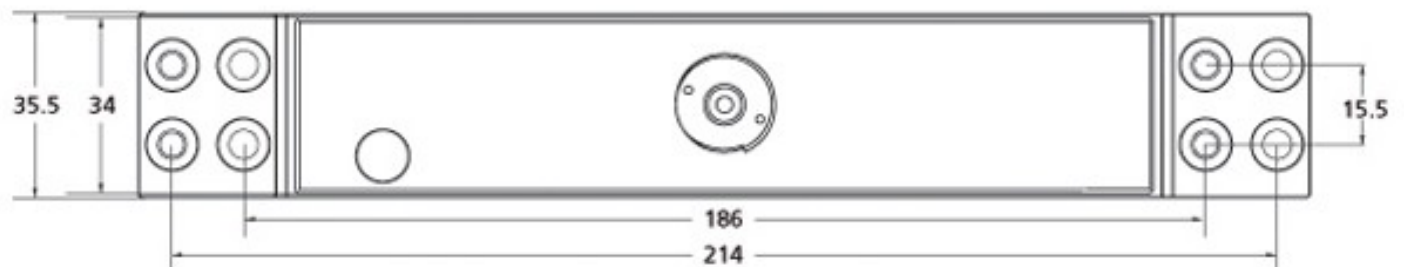
Armature plate



Armature plate including bracket (side view)



Armature plate including bracket



Magnet

