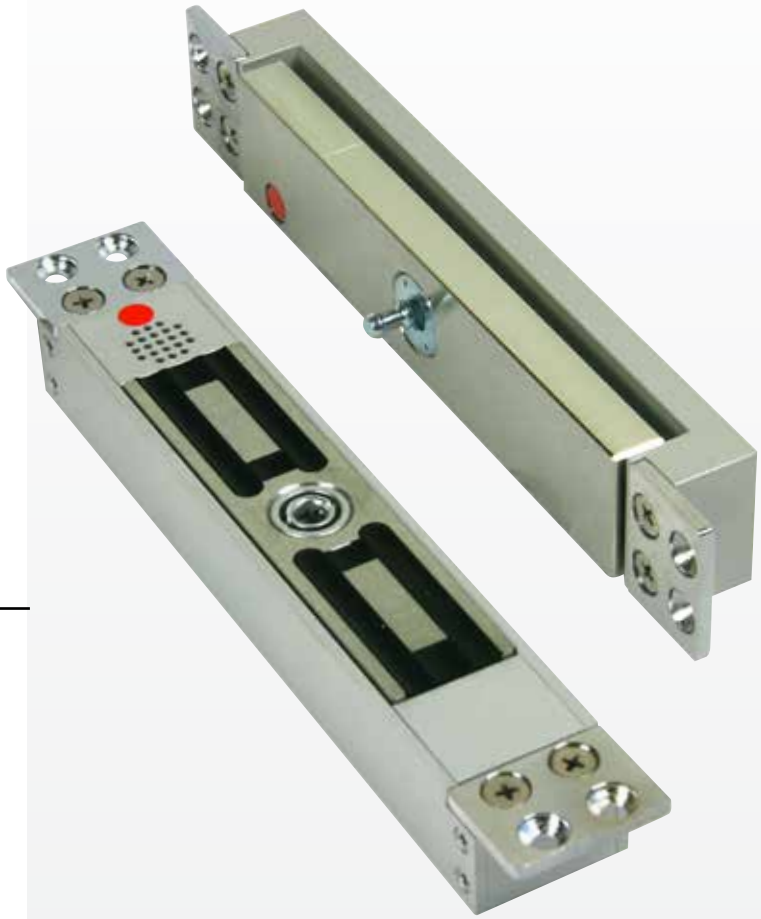
mortice door magnet

AL1982-35.5

The Alpro 1982.35.5 Vortex 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.

VORTEX®

CLEAN GREEN LOCKING MACHINE



High Holding Force
Holding force 1,500Kg

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 (including 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
24v DC	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.

Built-in MOV Surge Protection

Mortice mounting for concealed installation

Armature plate security bracket

No residual magnetism

ISO and TÜV tested

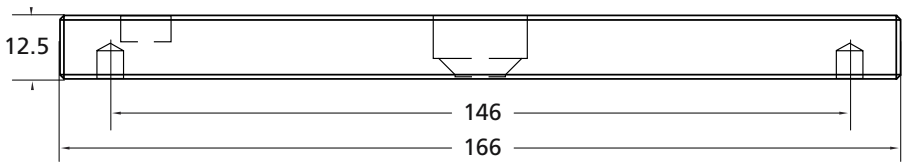
Approvals
EN 61000-4-2 (1995) + A1 (1998) + A2 (2001)
EN 61000-4-3 (2006) + A1 (2008)
EN 50130-4 (1996) + A1 (1998) + A2 (2003)
EN 55022 (1998) + A1 (2000) + A2 (2003)
EN 61000-4-4 (2004) EN 61000-4-5 (2006)
EN 61000-4-6 (2007) EN 61000-6-2 (2005)
EN 61000-6-3 (2007)

Ordering Information/Specifications

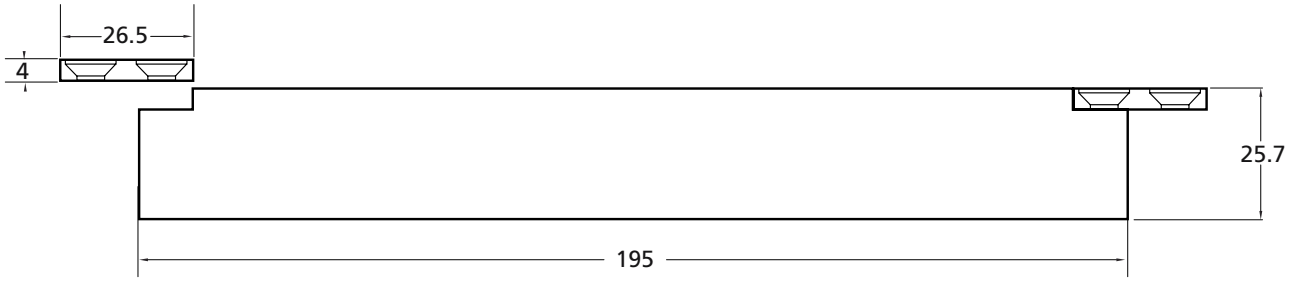
5 YEAR GUARANTEE

DESCRIPTION	FINISH	CODE
Small mortice mounted magnet - 12/24vDCC	Satin Anodised	**AL1982–35.5**

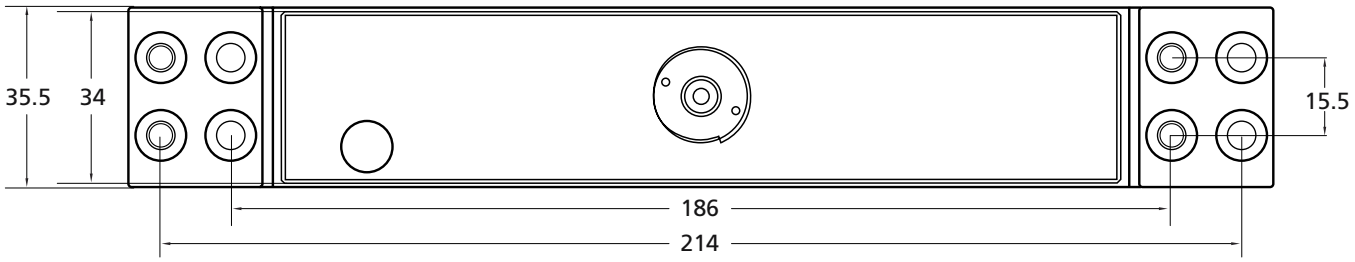
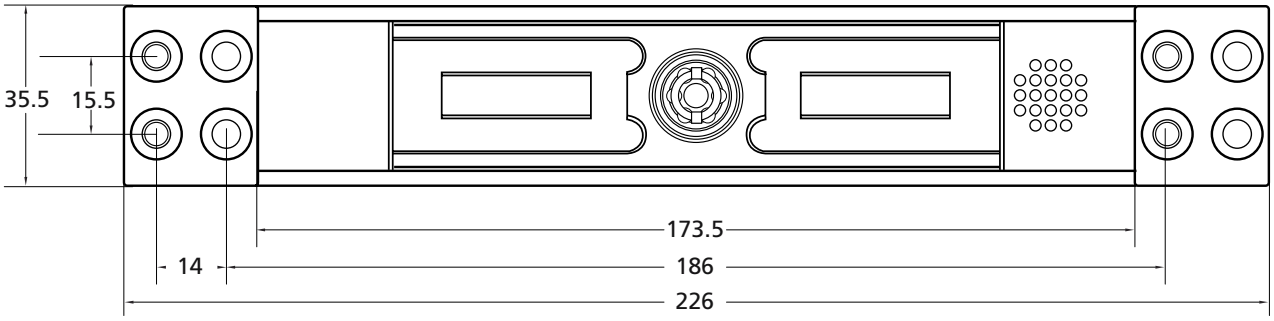
Armature plate



Armature plate including bracket (side view)



Armature plate including bracket



Magnet