locks

Magnets

Functionality

Magnets can be used to facilitate access and exit control systems for a variety of aluminium, timber and steel doors. The magnets embodies clean aesthetic looks with the ability to maintain a holding force of 250kgs (550lbs), offers low maintenance, and ease of installation. They provide positive fail safe operation (unless battery back up is available) at all times. Suitable for both inward and outward opening doors.



250kg Mini Magnets

Specification

Single magnet 25mm x 250mm x 42mm

Double magnet 25mm x 500mm x 42mm

Armature plate 160mm x 36mm x 11mm
(x 2 for double magnet)

Holding force 250kgs (550lbs)

(x 2 for double magnet)

500kg Magnets

Specification

Single magnet 40mm x 266mm x 73mm

Double magnet 40mm x 532mm x 73mm

Armature plate 160mm x 61mm x 16mm
(x 2 for double magnet)

Holding force 510kgs (1120lbs)

(x 2 for double magnet)

General Specification

Supply voltage Dual voltage 12 or 24vDC

(Dual coil). Nominal +/- 10%

Nominal current 500mA @ 12vDC,

250mA @ 24vDC

Built in voltage spike suppressor

Monitoring Relay with dry contact integral

LED

Door Gaps Maximum 3mm

Positioning Outward opening - surface

mounted to door header transom bar. Inward opening door frame transom bar using

L & Z brackets

Magnet housing Brushed Satin Aluminium

Please note: To ensure immediate release, it is important that the release switch breaks the circuit between the power supply and the magnet



Adjustable L Bracket 30mm x 250mm x 48mm



L & Z Bracket 30mm x 250mm x 48mm (adjustable and standard L brackets)



L & Z Bracket 30mm x 250mm x 48mm 50mm x 160mm x 50mm (adjustable plates)

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Ordering Information/Specifications



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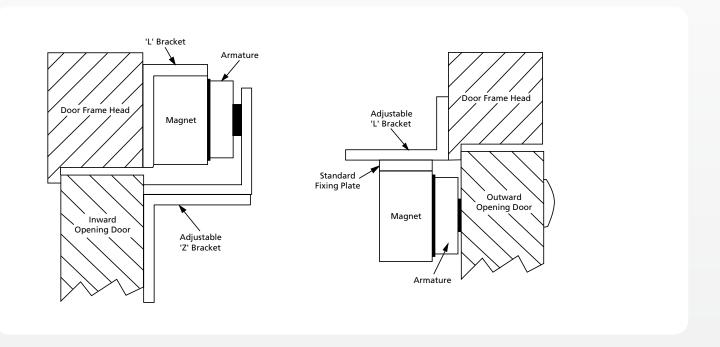
DESCRIPTION	CODE
250kg Mini Magnets	
250kgs mini magnet non monitored	56121
250kgs double mini magnet non monitored	56122
250kgs mini magnet monitored	56111
250kgs double mini magnet monitored	56112
500kg Magnets	
500kgs magnet non monitored	56221
500kgs double magnet non monitored	56222
500kgs magnet monitored	56211
500kgs double magnet monitored	56212

ACCESSORIES

Adjustable L brackets: Suits typical outward opening door applications, where space restrictions do not allow the magnet to be fitted at the head of the door frame. L & Z brackets allow magnets to be used on inward opening door applications.

L bracket for mini magnet	561A
L & Z bracket for mini magnet	562A
L bracket for 500kgs magnet	563A
L & Z bracket for 500kgs magnet	564A

N.B. - 2 brackets required for double magnet



Magnets www.alpro.co.uk 01202 676262