

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 embody 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)

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

