

# Access Control

## 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

Code	Description
56121	250kgs mini magnet non monitored
56122	250kgs double mini magnet non monitored
56111	250kgs mini magnet monitored
56112	250kgs double mini magnet monitored

### Specification - (250kg mini magnet)

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

Code	Description
56221	500kgs magnet non monitored
56222	500kgs double magnet non monitored
56211	500kgs magnet monitored
56212	500kgs double magnet monitored

### Specification - (500kg magnet)

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 and 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**

