

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 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.

280kg Mini Magnets

Specification

Single magnet	250mm x 50mm x 27mm
Double magnet	500mm x 50mm x 27mm
Armature plate	180mm x 38mm x 13mm (x 2 for double magnet)
Holding force	272kgf (600lbf)(per door)

520kg Magnets

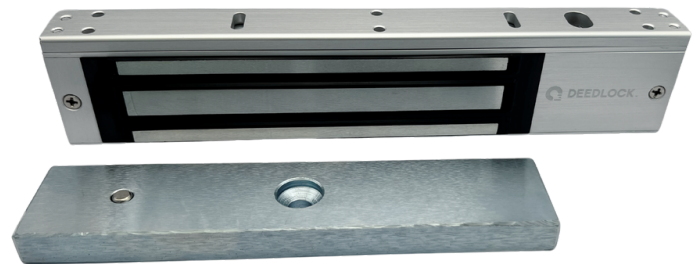
Specification

Single magnet	265mm x 72,7mm x 40,7mm
Double magnet	530mm x 72,7mm x 40,7mm
Armature plate	190mm x 72,7mm x 15,3mm (x 2 for double magnet)
Holding force	545kgf (1200lbf) (per door)

General Specification

Voltage(DC)	Dual voltage 12V or 24V
Current Single	500mA (+/-10%) @ 12V, 250mA (+/-10%) @ 24V,
Current Double	1000mA (+/-10%) @ 12V, 500mA (+/-10%) @ 24V 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
Housing Finish	Satin Anodised Aluminium

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



SLM/L - Adjustable L bracket for mini magnet



SLM/ZL - L & Z bracket for mini magnet



STD/L - Adjustable L bracket for standard magnet



STD/ZL - L & Z Bracket for standard magnet

DESCRIPTION

280kg Mini Magnets

280kg mini magnet non monitored
280kg double mini magnet non monitored
280kg mini magnet monitored
280kg double mini magnet monitored

520kg Magnets

520kg magnet non monitored
520kg double magnet non monitored
520kg magnet monitored
520kg double magnet monitored

CODE

AEM20001
AEM20003
AEM20002
AEM20004

AEM20010
AEM20060
AEM20020
AEM20040

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 - for outward opening door
L & Z bracket for mini magnet - for inward opening door
L bracket for 500kg magnet - for outward opening door
L & Z bracket for 500kg magnet - for inward opening door

N.B. - 2 brackets required for double magnet

SLM/L
SLM/ZL
STD/L
STD/ZL

