A4 and A8 Double Series Non Monitored

Double Series Monitored

The Electromagnetic Locks operate with holding forces from 500kg up to 1160kg. Covering a range of applications these magnets are ideal for applications from access ways through to high use commercial swing doors. With fixing options including wood, aluminium and steel constructions as well as glass door applications, the range caters to most electromagnetic needs.

Key Features

- Fail-Safe: unlocks when power is removed
- Easy installation: suitable for both new and retrofit usage
- High holding force: refer to the technical data overleaf
- Self-alignment: armature plate pivots to accommodate door drop
- Silent operation: no humming or buzzing
- Dual voltage: site selectable 12 or 24 Vdc
- Instantaneous release: smart electronics on the electromagnets eliminate residual magnetism
- 5 Year ASSA ABLOY Warranty

Applications

- Aluminium doors
- Double swing doors
- Access control
- Surface mount for inswing and outswing doors

Product Details

	A4 Magnet	A8 Magnet
Holding Force	500-560 Kg	1100kg-1160kg
Dimensions	(L)480 x (H)48.5 x (D)25mm	(L)530 x (H)71.8 x (D) 39 mm
Voltage	12Vdc/24Vdc +/- 10%	12Vdc/24Vdc +/- 10%
Current	1000mA @ (12Vdc) 500mA @ (24Vdc)	840mA @ (12Vdc) 420mA @ (24Vdc)
Monitoring	Hall-Effect (Optional)	Hall-Effect (Optional)
Operating Temperature	-10 to 55 Degrees	-10 to 55 Degrees
Operating Humidity	0-90%	0-90%

Standards and Compliance

CE Approved

RCM Certified

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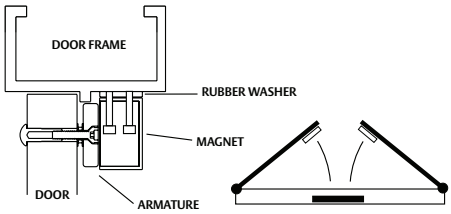
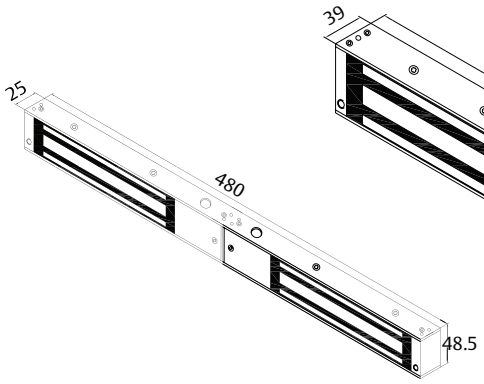
A4 Double Electromagnetic Lock - Non Monitored

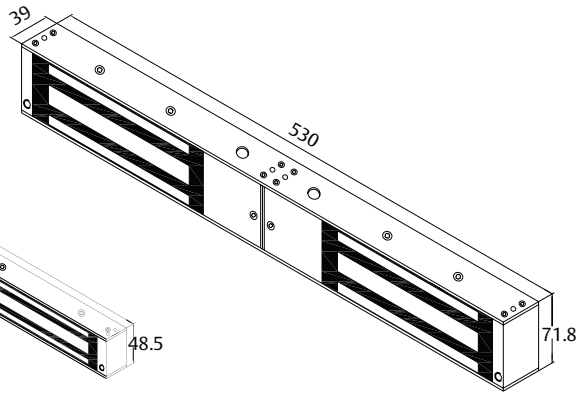
A8 Double Electromagnetic Lock - Non Monitored



Out swinging door using the standard mounting plate.



A4 Electromagnetic Lock



A8 Electromagnetic Lock

Ordering Information

Part Number	Product Description
AAEMAGA4DSHSAL	EMA4 E/Magnet 12/24Vdc Double Non Monitored
AAEMAGA8DSHSAL	EMA8 E/Magnet 12/24Vdc Double Non Monitored

Specification Statement

The Double Series Electromagnetic Lock should be constructed in an aluminium case with heavy duty electromagnet. The range only operates in Fail Safe mode and relies on a secondary lock or battery backup system. The lock needs to be equipped with “smart electronics” that have zero residual magnetism (instantaneous release). This is crucial for correct operation.