

Armlock® 1354

Mini Electro-Shearmagnet

The Adams Rite Armlock® 1354 is a mini Electro-Shearmagnet to facilitate remote access where minimal intrusion into the environment is required.

The product caters for single or double action internal doors or external doors where a form of cover is situated above the doorway to prevent direct rain penetration.



Key Benefits

- Compact slim line size - 30mm
- Nominal 1500kg shear holding force
- Adjustable locking time 1-30 secs
- Suitable for door gaps up to 8mm
- Supplied with 3m cable
- Non-handed
- CE Marked
- Mortice or surface versions
- Can be fitted into the head or vertical locking stile
- Suitable for aluminium, timber, steel and glass doors
- Suitable for use on aluminium, timber and steel doors

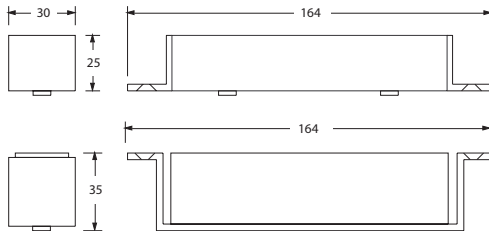
Related Hardware

RiteKey Keypad ~ Push-to-Exit Button ~ Power Supply Unit

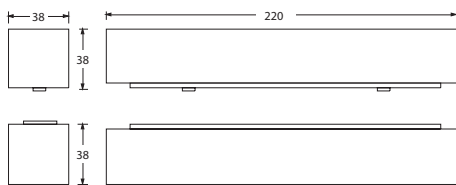
Note: Positive closer required to return doors to correct rest position.
For out of hours security specify the Sentinel 6 Deadlock in conjunction with the magnet.

Dimensions

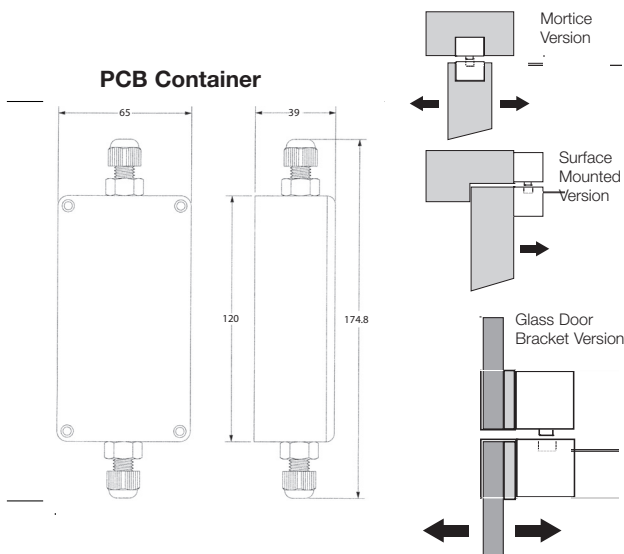
Mortice version



Surface version



Typical Installations



Specifications

Magnet Dimensions: (excluding shear pins)	Mortice magnet: 30mm x 164mm x 25mm. Surface magnet: 38mm x 200mm x 38mm.
Adjustable Armature: Mortice:	30mm x 164mm x 35mm.
Surface:	38mm x 200mm x 38mm.
Magnet Material:	Electroless nickel plated steel in aluminium chassis.
Finish:	Surface mounted housing finishes: Standard: Brushed silver, gold or bronze anodised on request. Polished nickel, polished brass.
Special:	
Nominal Holding Force:	1500kg (assuming correct installation/alignment).
Supply Voltage:	Dual, 12 or 24vDC.
Nominal Current Draw:	Pull in - 1.5A @ 12vDC, 1.5A @ 24vDC. Holding - 0.5A @ 12vDC, 0.4A @ 24vDC.
Locking Gaps:	Distance between armature face and magnet face: 12vDC: Horizontal/vertical application - 4mm max. 24vDC: Horizontal/vertical application - 5mm max. Lateral - ± 2mm. Longitudinal - ± 5mm.
Locking Tolerance:	
Door Gap (sensor range):	Maximum 8mm.
Locking Time:	Factory set at 1-2 seconds, adjustable up to 30 secs.
Monitoring:	Precise anti-tamper monitoring of lock status using "hall effect" switch. Volt free changeover contacts rated @ 24vDC 1A for remote monitoring.
Door Position Contacts:	Built-in door position switch. Note that an independent door position switch must be fitted in steel door applications (order 1354-0600 separately).
Retry Facility:	Failure to lock due to slight misalignment will result in the lock automatically retrying, up to a further 100 times, if required.
Handing:	Non-handed.
Cable Length:	3m.
Ambient Temperature:	Operating -20°C to +40°C. It is essential to use a fully rectified and regulated PSU with the 1354.
Note:	To achieve immediate release, it is important that the release switch breaks the circuit on the positive supply to the magnet.