

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

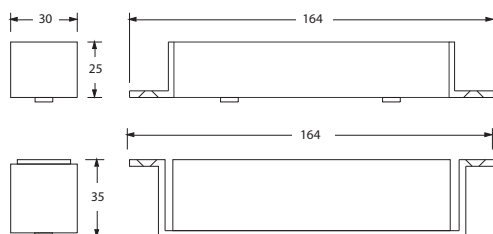
Related Hardware

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

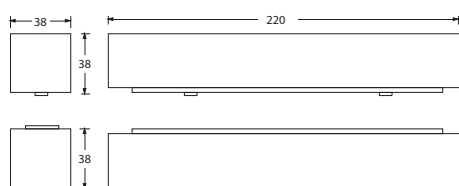
Note: Positive closer required to return doors to correct rest position.
For out of hours security specify the Sentinel 6 Deadlock in conjunction with the magnet.

Dimensions

Mortice version



Surface version



Specifications

Magnet Dimensions:

(excluding shear pins)

Adjustable Armature: Mortice:

Surface:

Magnet Material:

Finish:

Special:

Nominal Holding Force:

Supply Voltage:

Nominal Current Draw:

Locking Gaps:

Locking Tolerance:

Door Gap (sensor range):

Locking Time:

Monitoring:

Door Position Contacts:

Retry Facility:

Handling:

Cable Length:

Ambient Temperature:

Note:

Mortice magnet: 30mm x 164mm x 25mm.

Surface magnet: 38mm x 200mm x 38mm.

30mm x 164mm x 35mm.

38mm x 200mm x 38mm.

Electroless nickel plated steel in aluminium chassis.

Surface mounted housing finishes:

Standard: Brushed silver, gold or

bronze anodised on request.

Polished nickel, polished brass.

1500kg (assuming correct

installation/alignment).

Dual, 12 or 24VDC.

Pull in - 1.5A @ 12VDC, 1.5A @ 24VDC.

Holding - 0.5A @ 12VDC, 0.4A @ 24VDC.

Distance between armature face and magnet face:

12VDC: Horizontal/vertical application - 4mm max.

24VDC: Horizontal/vertical application - 5mm max.

Lateral - ± 2 mm. Longitudinal - ± 5 mm.

Maximum 8mm.

Factory set at 1-2 seconds, adjustable up to 30 secs.

Precise anti-tamper monitoring of lock status using "hall effect" switch. Volt free changeover contacts rated @ 24VDC 1A for remote monitoring.

Built-in door position switch. Note that an independent door position switch must be fitted in steel door applications (order 1354-0600 separately).

Failure to lock due to slight misalignment will result in the lock automatically retrying, up to a further 100 times, if required.

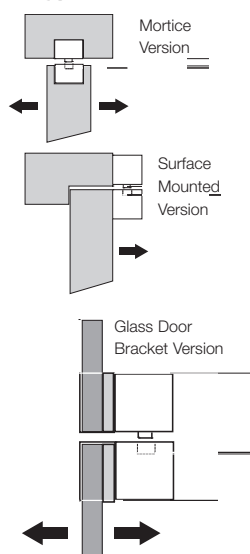
Non-handed.

3m.

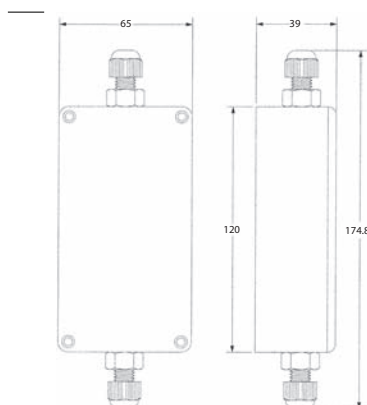
Operating -20°C to +40°C. It is essential to use a fully rectified and regulated PSU with the 1354.

To achieve immediate release, it is important that the release switch breaks the circuit on the positive supply to the magnet.

Typical Installations



PCB Container



Ordering Codes

1354-0100 Mortice mounted Mini Electro-Shearmagnet, 12/24VDC, monitored.

1354-0102 Mortice mounted Mini Electro-Shearmagnet, 12/24VDC, monitored, complete with brushed silver anodised housing with black end caps.

1354-0201 Surface mounted Mini-Electro-Shearmagnet, 12/24VDC, monitored, brushed silver anodised housing with black end caps.

1354-0600 Flush mount contact.

1354-0306 Glass door fixing bracket for surface mounted Mini-Electro-Shearmagnet (one bracket required for each housing i.e glass door to glass head application will require two brackets). Adhesive is not included.

1354-0400 50ml bottle of Loctite Adhesive type 317 (suitable for 8 to 10 applications).

1354-0500 150ml spray can of Loctite Activator type 734 (suitable for 8 to 10 applications).