

Shear magnets

Adams Rite 1354 mini electro-shear magnet

Application:

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 action internal doors or external doors where a form of cover is situated above the doorway to prevent direct rain penetration.

Specification:

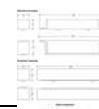
• Compact slim line size - 30mm • Nominal 1500kg shear holding force • Adjustable locking time 1-30 secs • Suitable for door gaps up to 8mm • Supplied with 3m cable • Non-handed • Guarantee 1 year	• CE Marked to EMC Directive • Mortice or surface versions • Can be fitted into the head or vertical locking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

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



Standards:



Magnet Dimensions (excluding shear pins):	Mortice magnet: 164mm x 25mm x 35mm 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.
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.
Locking Tolerance:	Lateral - ± 2mm. Longitudinal - ± 5mm.
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
	Built-in door position switch.

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Door Position Contacts:	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 10 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.

Variants:

Code	Description
1354-0100	MORTICE MOUNTED MINI SHEARLOCK 12-24V DC WIDTH 30MM
1354-0102	MORTICE MINI SHEAR MAGNET 12/24VDC SURFACE ARMATURE
1354-0201	SURFACE MOUNTED MINI SHEARLOCK 12-24V DC BRUSHED SILVER ANOD