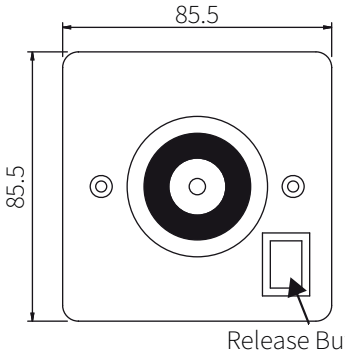
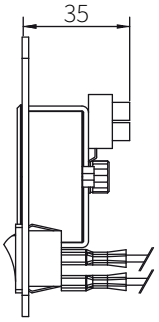
DRM24 Door Retaining Magnet Fitting Instructions

Electromagnet

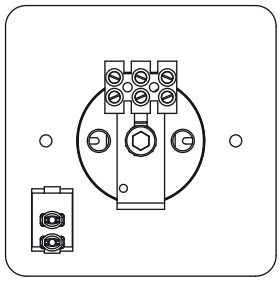
Front View



Side View



Back View

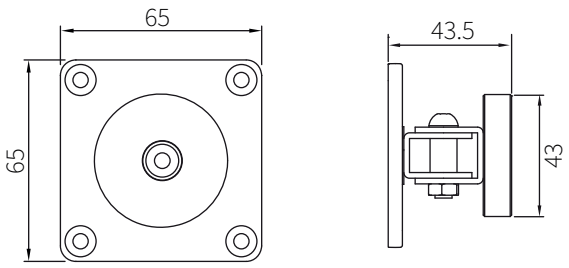


DRM Release Button (Test Switch)

DRM units are supplied with a momentary release button on the faceplate, which is to simulate the scenario of a fire alarm activation. Operating this release button will cut the magnetism to the device and the door should close normally. To operate, press down on release button and release.

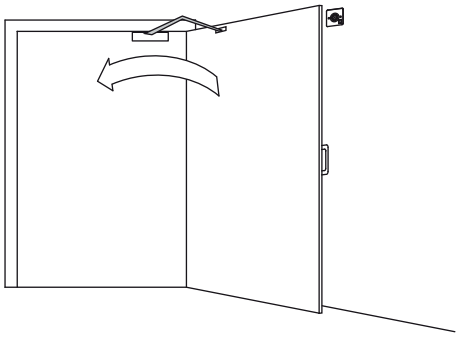
Note: Should a DRM device be installed on pocket doors, it may be necessary to install a separate release switch. This is not supplied with the product and will need to be applied as an accessory by the user.

Armature Plate

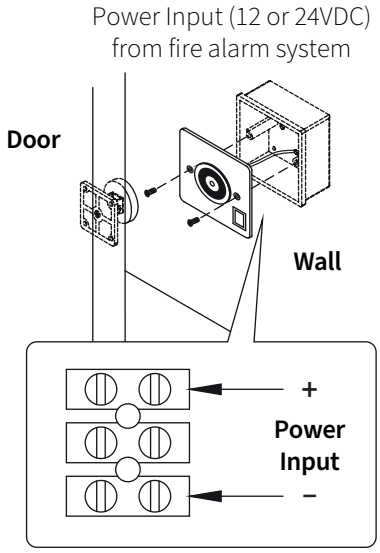


Installation

Door Closer



Note:
DRM hold open devices are recommended to be fitted at door closing device level as per image. If so, please ensure that a second hinge is fitted 200mm down from the centre line of the top hinge as the pulling force from the magnet combined with the door closer could twist and distort the door from its frame.



Technical Data

Operating Voltage: 24VDC

Current Draw: 80mA/24VDC

Release Button: Release Holding Force

Holding Force: 100 lbs

Anti-Residual Magnetism Function

Stainless Steel Faceplate

Suggested Power Supply Unit
(Not Included)

PSU24 & PSU48 24VDC Regulated PSU

A regulated 2 Amp 4 Output (PSU24) or 4 Amp 8 Output (PSU48) PSU with control module to switch electromagnetic door retainer and electromechanical door closers. The control module offers the options to switch in a fail-safe or fail-secure manner using either volt-free or a 24VDC trigger.

Important Fitting Note:

When the Door Hold Open unit is used with an overhead door closer, it should be fitted at the same level as the closer. However if the Door Hold Open unit is used with a floor spring, it should be fitted at skirting board level.

DRM24 Electrical Backboxes:

DRM24 devices are not supplied with electrical backboxes as standard. These are available upon request or can be purchased separately from a local electrical supplier.

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