

FEATURES

- Threaded holes in rear face
- 2 and 24 V dc versions have a 2 pole connector
- 12 and 24 V dc versions are IP20 rated
- 240 V ac versions have a Din 43650 connector
- 240 V ac versions are IP54 rated

RS PRO Access Control Door Magnet, 280N Holding Force 12V dc

RS Stock No.: 739-3258



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Designed for use with machine mechanisms or as door magnets, our high quality RS PRO range presents this small yet powerful magnetic lock. Able to remotely lock or un-lock with quick operation, these electro-permanent magnets are energised to hold and de-energised to release. Optimum performance when used with RS armature plates (available separately): please see stock no 739-3211 etc.

Options available include:

[739-3239](#) - 65 mm Dia. 240V Electro Holding Magnet

[739-3233](#) - 65 mm Dia. 24V Electro Holding Magnet

[739-3242](#) - 65 mm Dia. 12V Electro Holding Magnet

[739-3245](#) - 50 mm Dia. 240V Electro Holding Magnet

[739-3267](#) - 50 mm Dia. 24V Electro Holding Magnet

[739-3261](#) - 50 mm Dia. 12V Electro Holding Magnet

[739-3270](#) - 40 mm Dia. 24V Electro Holding Magnet

[739-3273](#) - 40 mm Dia. 12V Electro Holding Magnet

[739-3249](#) - 30 mm Dia. 24V Electro Holding Magnet

[739-3258](#) - 30 mm Dia. 12V Electro Holding Magnet

[739-3277](#) - 25 mm Dia. 24V Electro Holding Magnet

[739-3286](#) - 25 mm Dia. 12V Electro Holding Magnet

General Specifications

AC or DC Operation	DC
Failure Mode	No
Finish	Bright Nickel Plated with Machined Face
Application	Machine Mechanisms, Door/Guard Locking & Remote Hold/Release Requirements
Mountings	Threaded holes in rear face

Electrical Specifications

Supply Voltage	12V dc
Power Consumption	3.36W
Current Draw	280mA at 12Vdc; 140mA at 24Vdc (at temperature 20°C)

Mechanical Specifications

Holding Force	280N
Depth	24mm
Diameter	30mm
Weight	108g
εD rating	100%

Operation Environment Specifications

Ambient Working Temperature	35°C
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Protection Category

IP Rating	IP 54
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Approvals

Compliance/Certifications	RoHS Certificate Of Compliance
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Pull gaps

Air gap (mm)	Magnetic Pull*
0.00	280
0.09	149
0.18	80
0.27	43
0.36	26
0.59	12
1.00	5
1.59	2
2.00	2

* +/- 10%

Dimensions

