

## 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 24V dc

RS Stock No.:739-3249



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

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

## Electrical Specifications

<b>Supply Voltage</b>	24Vdc
<b>Power Consumption</b>	3.36W
<b>Current Draw</b>	280mA at 12Vdc; 140mA at 24Vdc (at temperature 20°C)

## Mechanical Specifications

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

## Operation Environment Specifications

<b>Ambient Working Temperature</b>	35°C
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## Protection Category

<b>IP Rating</b>	IP 54
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## Approvals

<b>Compliance/Certifications</b>	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

