

Datasheet

Electro-holding magnet

Energise to hold 40mm diameter

12VDC or 24VDC Operating voltage

Part numbers 7393273, 7393270



Description

Mountings	Threaded holes in rear face
Finish	Bright nickel plated with machined face
Product weight	210g

Technical Data

Typical holding force	550N
ED rating	100%
IP Rating	20
Standard operating voltage	12VDC (7393273) 24VDC (7393270)
Current	12V - 440mA 24V - 230mA
Power consumption	5.50W
Ambient working temperature	35°C

Connection type

12VDC and 24VDC **Two-pole connector**

Recommended armature plate

Finish	Bright nickel plated
Diameter	40mm
Part No.	7393255
Weight	50g



Pull gaps

Air gap (mm)	Magnetic Pull* (N)
0.00	550
0.09	276
0.18	144
0.27	83
0.36	57
0.59	30
1.00	14
1.59	7
2.00	5
4.00	3

* +/- 10%

To achieve the optimum pull force 100% contact area must be achieved using the recommended armature plate. The force will be affected if other material specifications, thicknesses and surfaces are used, or if the armature fails to make positive contact over the full diameter of the face of the magnet. Where misalignment is likely to be an issue we recommend that an oversized armature plate is used to ensure 100% full contact, this however will reduce the stated pull force by approximately 10%.

Dimensions

