

D370 Family Wall-mount Door Holders

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- ▶ Attractive design, sturdy cast construction with brass (B) or metallic powder-coat (C) finish
- ▶ 24 VAC, 24 VDC, or 120 VAC
- ▶ 12 AWG (ISO 4 mm²) to 22 AWG (ISO 0.34 mm²) terminals
- ▶ Holding force between 35 lb and 110 lb
- ▶ A variety of available extension rods allow mounting in difficult locations

The D370 electromagnetic door holders are rugged die-cast devices for holding doors. They allow control of doorways in alarm conditions. Typical applications are in stairways or other exit pathways where it is desirable to restrict airflow yet allow free emergency access.

Functions

Power and Holding Force

These door holders accept power from 24 VAC, 24 VDC, or 120 VAC sources. Depending on how they are wired and the amount of current, they can supply from 35 lb to 110 lb of holding force.

Certifications and approvals

Region	Certification	
USA	UL	SZNT: Releasing Devices, Ordinary Locations (UL864)
	CSFM	see our website
Hong Kong	HKFSD	

Installation/configuration notes

Mounting Considerations

These door holders are for wall-mounted applications and can be flush-mounted on standard single-gang back boxes or surface-mounted on the D372B and D372C back boxes. The D372 back boxes complement the finish of the D370 electromagnet component that mounts in them.

Extension rods are available in lengths from 1 in. (2.5 cm) to 4 in. (10 cm) to allow installation in applications where the door does not swing to within 3 in. (7.5 cm) of the back box.

Wiring Considerations

Wire the D370B (brass) and D370C (metallic powder-coat) holders through knockouts in the back or the sides of the back boxes. The terminals accept wires from 12 AWG to 22 AWG (ISO 4 mm² to 0.34 mm²).

Parts included

Quant.	Component
1	Door magnet
1	Catch plate

1	Nut plate
1	Mounting template
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Current Draw (24 V installations)

24 VAC:	19 mA
24 VDC:	20 mA

Current Draw (120 V installations)

Common and High Voltage Terminals:	20 mA
Common and Low Voltage Terminals:	100 mA

Voltage (supply): 24 VAC, 24 VDC, or 120 VAC

Environmental

Relative Humidity:	Up to 95%, non-condensing
Temperature (operating):	+32°F to +120°F (0°C to +49°C)

Mechanical

Dimensions

Catch Plate (diameter x depth) ¹ :	2.25 in. x 2.25 in. (5.7 cm x 5.7 cm)
Electromagnet (H x W x D) ² :	4.625 in. x 2.75 in. x 2 in. (11.7 cm x 7 cm x 5.1 cm)

¹ The diameter of the magnet plate is 1.75 in. (4.4 cm).

² The electromagnet component extends 0.875 in (2.2 cm) from the mounting surface when surface mounted. It extends 1.125 in. (2.9 cm) into the back box.

Ordering information

D370B Wall-Mount Door Holder with Brass Finish

Door holder with brass finish accepts power from 24 VAC, 24 VDC, or 120 VAC sources and, depending on wiring and current, can supply from 35 lb to 110 lb of holding force
Order number **D370B**

D370C Wall-Mount Door Holder with Metallic Powder-coat Finish

Door holder with metallic powder-coat finish accepts power from 24 VAC, 24 VDC, or 120 VAC sources and, depending on wiring and current, can supply from 35 lb to 110 lb of holding force
Order number **D370C**

D372B Surface-mount Back Box (brass)

Brass-plated metal surface-mount back box
Order number **D372B**

D372C Surface-mount Back Box (metallic powder-coat)

metal surface-mount back box with metallic powder-coat finish
Order number **D372C**

D373B Extension Rod (brass, 2.5 cm [1 in.])

2.5 cm (1 in.) extension rod with brass finish; package of five
Order number **D373B**

D373C Extension Rod (metallic powder-coat, 2.5 cm [1 in.])

2.5 cm (1 in.) extension rod with metallic powder-coat finish; package of five
Order number **D373C**

D374B Extension Rod (brass, 3.8 cm [1.5 in.])

3.8 cm (1.5 in.) extension rod with brass finish; package of five
Order number **D374B**

D374C Extension Rod (metallic powder-coat, 3.8 cm [1.5 in.])

3.8 cm (1.5 in.) extension rod with metallic powder-coat finish.; package of five
Order number **D374C**

D375B Extension Rod (brass, 5.1 cm [2 in.])

5.1 cm (2 in.) extension rod with brass finish; package of five
Order number **D375B**

D375C Extension Rod (metallic powder-coat, 5.1 cm [2 in.])

5.1 cm (2 in.) extension rod with metallic powder-coat finish; package of five
Order number **D375C**

D376B Extension Rod (brass, 7.6 cm [3 in.])

7.6 cm (3 in.) extension rod with brass finish; package of five
Order number **D376B**

D376C Extension Rod (metallic powder-coat, 7.6 cm [3 in.])

7.6 cm (3 in.) extension rod with metallic powder-coat finish; package of five
Order number **D376C**

D377B Extension Rod (brass, 10.2 cm [4 in.])

10.2 cm (4 in.) extension rod with brass finish; package of five
Order number **D377B**

D377C Extension Rod (metallic powder-coat, 10.2 cm [4 in.])

10.2 cm (4 in.) extension rod with metallic powder-coat finish; package of five
Order number **D377C**

D378 Extension Rod Wrench Kit

Wrench kit for installing extension rods and door holders
Order number **D378**

D379 Swivel-Base Mounting Drill Fixture

Fixture for locating and drilling a through hole for mounting a magnetic door holder on a door.
Order number **D379**

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