

35770/35771 SERIES

Extension Magnetic Door Holders

DESCRIPTION

The Extension electromagnetic door holders are designed to hold fire and smoke doors open under normal conditions and are interconnected to a buildings fire/smoke alarm system.

The door is held open by the magnetic force between an electromagnet mounted on the wall behind the door, and an armature plate (keeper) which is fixed to the back of the door.

When an alarm occurs, power is removed from the electromagnet returning the doors to the closed position, preventing the spread of fire/smoke to other areas.

FEATURES

- Isolates areas in emergency conditions
- Free access during normal conditions
- Anti-rust surface treatment
- Up to 50kg (approx.) holding load
- Manual release button included
- Low voltage (12V or 24V DC)

COMPLIANCE

The Door Holders have been fully tested and approved by relevant authorities.



APPLICATION

Magnetic Door Holders are designed for use in locations where it is essential that doors are automatically closed in the case of fire alarm condition whilst providing free access during normal conditions. This can include buildings such as hospitals, libraries, hotels, offices, theatres and workshops.

PRODUCT RANGE

There are two different types of extension electromagnetic door holders; Straight and 90 Degree. These door holders are also available in 150mm and 300mm lengths.

PRODUCT RANGE

**12V or 24V DC 150mm
 Electromagnetic Door Holder**



STRAIGHT



90 DEGREES

**12V or 24V DC 300mm
 Electromagnetic Door Holder**



STRAIGHT



90 DEGREES

SPECIFICATIONS

Part Number: 35770/150/S

Description: 12V DC Electromagnetic Door Holder 150mm Straight

Dimensions (mm):

Door Holder: 178 H x 80 W x 80 D

Armature Plate: 40 H x 65 W x 65 D

Operating Voltage: 12V DC \pm 20%

Operating Current: 140mA Nominal

Operating Temp: 0° C to 60° C

Relative Humidity: 95% (non-cond.)

Cable Termination: 2 x 1.5mm²

Holding Load: Up to 50kg nom., 24V DC, 20° C

Part Number: 35770/300/S

Description: 12V DC Electromagnetic Door Holder 300mm Straight

Dimensions (mm):

Door Holder: 327 H x 80 W x 80 D

Armature Plate: 40 H x 65 W x 65 D

Operating Voltage: 12V DC \pm 20%

Operating Current: 140mA Nominal

Operating Temp: 0° C to 60° C

Relative Humidity: 95% (non-cond.)

Cable Termination: 2 x 1.5mm²

Holding Load: Up to 50kg nom., 24V DC, 20° C

Part Number: 35770/150/90

Description: 12V DC Electromagnetic Door Holder 150mm 90°

Dimensions (mm):

Door Holder: 148 H x 80 W x 80 D

Armature Plate: 40 H x 65 W x 65 D

Operating Voltage: 12V DC \pm 20%

Operating Current: 140mA Nominal

Operating Temp: 0° C to 60° C

Relative Humidity: 95% (non-cond.)

Cable Termination: 2 x 1.5mm²

Holding Load: Up to 50kg nom., 24V DC, 20° C

Part Number: 35770/300/90

Description: 12V DC Electromagnetic Door Holder 300mm 90°

Dimensions (mm):

Door Holder: 297 H x 80 W x 80 D

Armature Plate: 40 H x 65 W x 65 D

Operating Voltage: 12V DC \pm 20%

Operating Current: 140mA Nominal

Operating Temp: 0° C to 60° C

Relative Humidity: 95% (non-cond.)

Cable Termination: 2 x 1.5mm²

Holding Load: Up to 50kg nom., 24V DC, 20° C

SPECIFICATIONS

Part Number: 35771/150/S

Description: 24V DC Electromagnetic Door

Holder 150mm Straight

Dimensions (mm):

Door Holder: 178 H x 80 W x 80 D

Armature Plate: 40 H x 65 W x 65 D

Operating Voltage: 24V DC \pm 20%

Operating Current: 70mA Nominal

Operating Temp: 0° C to 60° C

Relative Humidity: 95% (non-cond.)

Cable Termination: 2 x 1.5mm²

Holding Load: Up to 50kg nom., 24V DC, 20° C

Part Number: 35771/300/S

Description: 24V DC Electromagnetic Door

Holder 300mm Straight

Dimensions (mm):

Door Holder: 327 H x 80 W x 80 D

Armature Plate: 40 H x 65 W x 65 D

Operating Voltage: 24V DC \pm 20%

Operating Current: 70mA Nominal

Operating Temp: 0° C to 60° C

Relative Humidity: 95% (non-cond.)

Cable Termination: 2 x 1.5mm²

Holding Load: Up to 50kg nom., 24V DC, 20° C

Part Number: 35771/150/90

Description: 24V DC Electromagnetic Door

Holder 150mm 90°

Dimensions (mm):

Door Holder: 148 H x 80 W x 80 D

Armature Plate: 40 H x 65 W x 65 D

Operating Voltage: 24V DC \pm 20%

Operating Current: 70mA Nominal

Operating Temp: 0° C to 60° C

Relative Humidity: 95% (non-cond.)

Cable Termination: 2 x 1.5mm²

Holding Load: Up to 50kg nom., 24V DC, 20° C

Part Number: 35771/300/90

Description: 24V DC Electromagnetic Door

Holder 300mm 90°

Dimensions (mm):

Door Holder: 297 H x 80 W x 80 D

Armature Plate: 40 H x 65 W x 65 D

Operating Voltage: 24V DC \pm 20%

Operating Current: 70mA Nominal

Operating Temp: 0° C to 60° C

Relative Humidity: 95% (non-cond.)

Cable Termination: 2 x 1.5mm²

Holding Load: Up to 50kg nom., 24V DC, 20° C