Honeywell | Security and Fire

# Electromagnetic Door Holders

Honeywell's range of door holders provide attractive aesthetics and high performance for buildings requiring an automatic door release function in the event of a fire emergency.

Door Retainer Magnets are used as hold open devices for fire protection exclusions (fire protection swing doors, rolling gates, fire shutters with self-locking devices). The fire door is normally held in the open state to allow easy passage and access through busy corridors etc. Controlled by a fire detection or smoke protection control unit, the door retainer releases the door when the power is cut and the over-door closer quickly closes the fire door automatically to prevent the spread of fire and smoke throughout the building. Integrated into the design is a spring loaded anti-remanence pin which ensures zero residual holding force when the magnet is de-energized, thus enabling faster closing of the fire door. Door holders are fitted with an integral manual release button,
allowing the door to be closed without operating the fire alarm

All the electromagnets are designed to comply with the latest requirements of EN1155 and DIN EN14637.



## KEY FEATURES

- Low profile design
- Easy cable entry & exit
- Electronic connection via a terminal clamp
- Door retainers have an integrate release button
- The door retainer can be mounted to the wall, to the floor or to the ceiling behind the door. Due to the large product range almost any requirement profile can be met
- The counterpart is the armature (keeper plate) which is mounted on the door
- Door retainer magnets are delivered with a suitable keeper plate
- Electrical Protection IP54
- Anti-remanence pin
- Integrated reverse polarity and spark suppression diode
- Plastic parts consist of Bayblend material with 30% PA6 glass fiber

| TECHNICAL SPECIFICATIONS | | | |
|---|---|---|---|
| **WALL MOUNTED 24Vdc DOOR HOLDER** | | | 960114 keeper plate included |
| **PART NUMBER** | **960119** | |  |
| Current Consumption | 0.092 A | | |
| Power | 2.2 W | | |
| Holding Force | 850 N | | |
| Approvals | EN1155, CPR, EN14637 | | |
| Approx. Weight | 1.0 Kg | | |
| Dimensions in mm | 110 x 85 x 38 | | |
| **WALL MOUNTED 24Vdc DOOR HOLDER** | | | 960110 keeper plate included |
| **PART NUMBER** | **960120** | |  |
| Current Consumption | 0.067 A | | |
| Power | 1.6 W | | |
| Holding Force | 400 N | | |
| Approvals | EN1155, CPR, EN14637, CNPP | | |
| Approx. Weight | 0.6 Kg | | |
| Dimensions in mm | 110 x 85 x 38 | | |
| **WALL/FLOOR MOUNTED 24Vdc DOOR HOLDER (SWIVEL HEAD)** | | | 960110 keeper plate included |
| **PART NUMBER** | **960121** | **960122** |  |
| Current Consumption | 0.067 A<br>1.6 W<br>400 N<br>EN1155, CPR, EN14637 | | |
| Power | | | |
| Holding Force | | | |
| Approvals | | | |
| Approx. Weight | 0.8 Kg | 1.0 Kg | |
| Dimensions in mm | 90 x 80 x (150 / 175)<br>(floor /wall mounted) | 90 x 80 x (300 / 325)<br>(floor /wall mounted) | |
| **FLOOR MOUNTED BRACKET (To be used in conjunction with 960119 and 960120)** | | |  |
| **PART NUMBER** | **960129** | | |
| Approx. Weight | 0.65 Kg | | |
| Dimensions in mm | 95 x 80 x 128 | | |
| **SPARE PARTS** | | | |
| **KEEPER PLATE FOR 400 N DOOR HOLDERS** | | |  |
| **PART NUMBER** | **960110** | | |
| Plate Dia mm | 55 | | |
| Approx. Weight | 0.15 Kg | | |
| Dimensions in mm | 55 x 55 x 50 | | |
| **KEEPER PLATE FOR 850 N DOOR HOLDERS** | | |  |
| **PART NUMBER** | **960114** | | |
| Plate Dia mm | 65 | | |
| Approx. Weight | 0.25 Kg | | |
| Dimensions in mm | 75 x 75 x 55 | | |

**Honeywell Life Safety Iberia**
Tel: +34 902 03 05 45
Fax: +34 93 465 86 35
infohlsiberia@honeywell.com

January 2016
Doc. Ref.: HON-DE-002-01_EN
© 2016 Honeywell International Inc.

Honeywell