

# FITTING INSTRUCTIONS

## UNIVERSAL FIRE DOOR HOLDER



This electromagnet fire door holder is intended to hold open fire doors fitted with a suitable closing mechanism. The power supply to this door retainer must be controlled by the building's fire detection system. The door will be held open when power is supplied to the unit and released when power is disconnected. This fire door retainer should only be installed by a technically competent person.

### Specifications

Rated Holding Force	05 series-	500 N
	06 series-	600 N
Residual Holding Force		Zero.
Maximum Cable Size		2.5 mm <sup>2</sup>

Current at 24V dc	05 series-	43 mA
	06 series-	76 mA
Ambient temperature		0 to 35°C
Door closer power size		3 to 6

### Mounting Instructions

1. This door holder can be set for floor and ceiling mounting, or by adjusting the head through 90°, it can be set for wall mounting. Tighten the head screw and nut (1) once the required angle is set. 200 mm and 300 mm poles lengths are available as standard with other lengths available to order.
2. Decide on a suitable mounting position for the magnet behind the open door position. The magnet should be mounted at least 500 mm (18") from axis of the door hinge. The black push switch (2) is used to release the door manually and should be easily accessible when the door is retained open. Cable entry is through the underside of the base plate (3).
3. Connect the 24V power cables to the terminal block accessible through the base plate (red +, black -).
4. Slide the base cover (4) up pole. Fit the base plate securely to the mounting surface using four suitable fixings. Ensure that the fixings can withstand the forces from the door, especially when floor or ceiling mounting.
5. Fit the keeper plate assembly to the door using four screws, so that it aligns with the magnet face. The plate will adjust through +/- 30° to help with alignment.

6. Connect the electrical supply and check the magnet will hold the door open. Check that the door closes when the fire alarm is triggered and when the release switch is pushed.

**NOTE:** Be sure that the action of the door retainer does not cause the door to become permanently warped and prevent it sealing in the closed position.

### Maintenance

1. For optimum holding force, the face of the magnet and keeper plate should be kept clean and free from damage.
2. There are no user serviceable parts in this door holder. For repair, return the unit to the manufacturer.
3. Fire door holders should be tested weekly as part of the fire-system test procedures.

