AMALGAMATED ltd., SYSTEMS HOUSE, Dawson St., Swinton, Manchester M27 4FJ

2831 MAGNETIC DOOR RETAINER (230 VOLT AC)

APPLICATIONS

The 2831 Magnetic Door Release Unit is typically used in Elderly Persons Homes, Hospitals, Schools and other places where fire doors are in frequent use. Magnetic Door Release Units are designed for use with automatic fire alarm systems in buildings where fire doors are normally required to be kept open.

FEATURES

- Override Push Button Release Facility
- Holding Force 40Kg
- Bracket for Floor Mounting Available
- Dual Mounting Position for manual release button
- 24v DC Model Available
- Spring Ejector

OPERATION

The 2831 Magnetic Door Retainer (230 Volt DC) unit consists of two parts – the doorplate, which is fitted to the fire door, and an electromagnet unit, which is normally positioned on the adjacent wall. The electromagnet is controlled by the fire alarm system so that it is continuously energised, thus magnetically attracting the doorplate and holding the door open. A Manual Release Button is fitted in the side of the electromagnet unit. When the fire alarm system operates the 230v AC power is removed from the solenoid and the door is released. The door should be fitted with a self-closing mechanism.

A floor-mounting bracket (ref 2832) is available for use if wall mounting of the electromagnet unit is not convenient. Door Release Units are also available for 24v DC operation (ref 2830).

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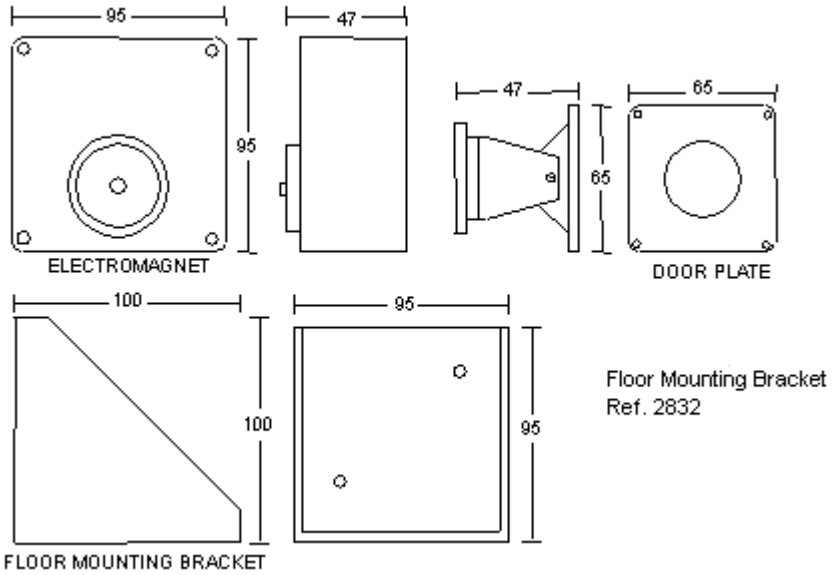
APPROVALS: Suitable for control of fire doors in accordance with BS5839: Pt 1:2002.



SPECIFICATION	
Order Code	2831
Operating Voltage	240v AC
Current Consumption	9mA
Material	
Electromagnet Unit	Di-cast Aluminium back box with thermoplastic cover
Floor Mounting Bracket	1.5mm Sheet Steel, White Powder Gloss Finish
Colour	
Electromagnet Unit	White back box with Black Cover
Door Plate	Black with Polished Steel Plate
Floor Mounting Bracket	White
Weight	
Electromagnet Unit	0.84 Kg
Floor Mounting Bracket	0.44 Kg
Dimensions	
Electromagnet Unit	95 w x 95 h x 47d
Door Plate	65 w x 65 h x 47 d
Ingress Protection	IP42