GFE-DHA-ISOLATOR

**Addressable Magnetic
Door Holder**

The unit is a loop powered addressable magnetic door release. It does not require external supply as it is directly powered from the loop. Activation of the unit is achieved using cause and effect programming as used for I/O units.

If power is removed or communication with the panel is lost, the unit will release automatically after approximately 20 seconds. A built in loop isolator is provided. When a short condition exists in either side of the loop connections, a Yellow LED will be turned ON. Its operation will be reset after fault condition is removed.

Module is fitted with 3 status LEDs. The Green LED will flash every time the device is polled by the addressable panel. The Red LED when ON indicates that the door release has been activated. This LED is OFF after panel power up or reset. Finally the Yellow LED will indicate a fault in the module. The activation of the module can be achieved as part of the cause and effect programming of the panel and it operates in the same way as an I/O unit. This unit should normally be assigned to either a specific device or zone. Up to a maximum of 20 of these units can be fitted on a particular loop.

TECHNICAL SPECIFICATIONS	
SUPPLY VOLTAGE	Loop Powered - 17V DC to 30V DC
ADDRESS RANGE	1-125
LOOP CURRENT - QUIESCENT / CHARGING	800 uA (650 uA module + 150 uA isolator) / 7 mA
ISOLATOR - LOOP LINE RESISTANCE	60 mOhms
CHARGE UP TIME / FAIL SAFE RELEASE TIME *(1)*	25 s / 20 s
MANUAL RELEASE	Push Button - Normally Open
MAX. CABLE SIZE	2.5 mm^2
MAX. HUMIDITY	95% RH Non-Condensing
OPERATING TEMPERATURE	0ºC to 50ºC
MAGNETIC FORCE	200 N
DIMENSIONS (MAGNET)	112.5 (H) x 84.2 (W) x 46.8 (D) mm
DIMENSIONS (KEEPER)	55 (H) x 55 (W) x 50 (D) mm
WEIGHT	139 g (keeper); 580 g (magnet w/ module); 746 g (complete boxed)

ORDER CODE	
GFE-DHA-ISOLATOR	ADDRESSABLE MAGNETIC DOOR HOLDER

1) *Fail Safe Release Time is defined as the time taken to release door after removal of loop power or loss of communication with control panel is detected.*