



EN54-17:2005 + AC:2007  
CERTIFIED  
1328-CPR-0538



## GFE-AD-ISO

### Standalone Loop Isolator

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The GFE-AD-ISO is a standalone negative switching loop isolator, designed to isolate short circuits on the addressable detection loop of a Global Fire Equipment Juno-Net or Junior control panel.

Up to 32 detection devices may be connected between two isolators as per EN54.

The GFE-AD-ISO is loop powered and polarity sensitive and care must be taken to follow the indications on the PCB. Also as two LEDs are fitted to facilitate "Loop in" and "Loop out" identification a consistent approach should be taken to wiring the isolator in this respect.

#### TECHNICAL SPECIFICATIONS

LOOP OPERATING VOLTAGE	17 V to 40 V
LOOP CURRENT - QUIESCENT	0.25 mA @ 28 V DC nominal
LOOP CURRENT - ISOLATED LED ON	6.2 mA @ 28 V DC nominal
MAXIMUM SERIES IMPEDANCE (Z <sub>cmax</sub> )	28 mOhm
MAX LEAKAGE CURRENT (i <sub>Lmax</sub> )	2.7 mA
MAX RATED SWITCHING CURRENT (I <sub>s max</sub> )	1 A
MAX. CABLE SIZE	2.5 mm <sup>2</sup>
OPERATING TEMPERATURE	-10°C to 50°C
MAX. HUMIDITY	95% RH Non-Condensing
ENCLOSURE / MATERIAL	White or Red / ABS
DIMENSIONS	100 (D) x 48 (H) mm
WEIGHT	105 g - 142 g including packaging
<b>ORDER CODE</b>	
<b>GFE-AD-ISO</b>	<b>1328-CPR-0538</b> STANDALONE LOOP ISOLATOR