



GFE-AD-ISO

STANDALONE LOOP ISOLATOR



The GFE-AD-ISO is a standalone negative switching loop isolator, designed to isolate short circuits on the addressable detection loop of all Global Fire Equipment addressable fire alarm control panels.

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	0.25 mA @ 28 V DC nominal
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 (Zcmax)	28 mOhm
MAX. LEAKAGE CURRENT (iLmax)	2.7 mA
MAX. RATED SWITCHING CURRENT (Is max)	1 A
CABLE SIZE	0.5-2.5 mm ²
COLOUR / CASE MATERIAL	White / ABS - Flame Retardant rating 94V0
OPERATION TEMPERATURE	-10°C to 50°C
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS	100.3 (D) x 48 (H) mm
WEIGHT	105 g - 142 g including packaging

For EN54-13 compliance, please check the control panel manual specifications.

ORDER CODE

GFE-AD-ISO	STANDALONE LOOP ISOLATOR	1328-CPR-0538
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