



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

SUPPLY VOLTAGE	Loop Powered 17 to 30V DC
LOOP CURRENT - QUIESCENT	0.25 mA @ 28V DC nominal
LOOP CURRENT - ISOLATED LED ON	6.2 mA @ 28V DC nominal
MAXIMUM SERIES IMPEDANCE (Zcmax)	28 mOhm
MAX. LEAKAGE CURRENT (iLmax)	2.7 mA
MAX. RATED SWITCHING CURRENT (Is max)	900 mA
IP RATING / CABLE SIZE	IP50 / 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	100.2 (D) x 46,2 (H) mm
WEIGHT	105 g - 142 g including packaging
COMPATIBILITY	All GFE addressable systems
INSTALLATION	Wall mounting

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



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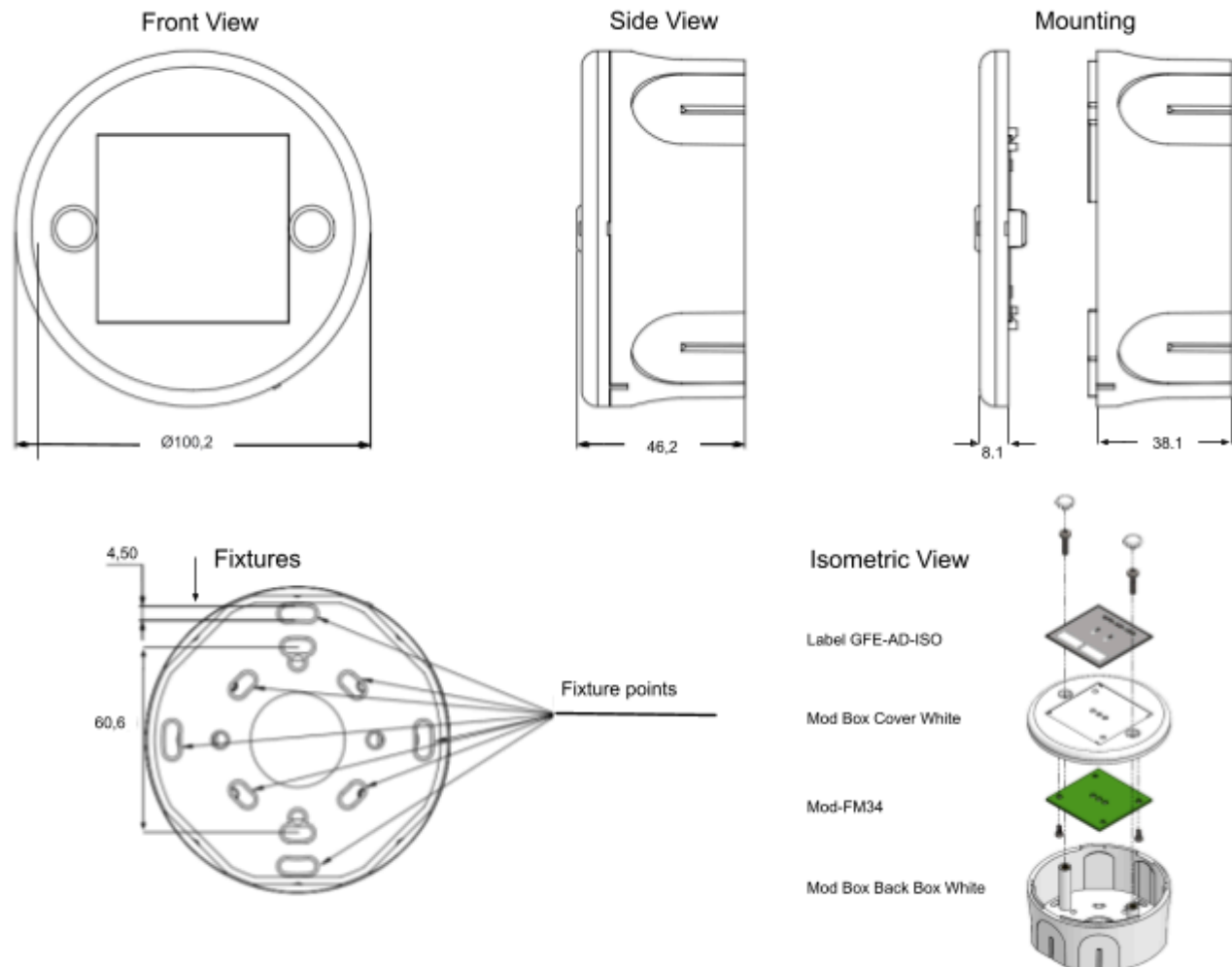
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GSS GROUP

DIMENSIONS



ORDER CODE

GFE-AD-ISO

STANDALONE LOOP ISOLATOR

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