



ZMU

Addressable Zone Monitoring Unit

The ZMU is a fully monitored interface module, which is used to connect a number of current limited conventional detectors to the Global Fire Addressable control panel via the detection loop. These detectors are then seen as one address at the addressable control panel.

For better integration with the addressable system, this module can be programmed to respond as a ZONE MONITOR, FLAME DETECTOR, BEAM DETECTOR, ASPIRATING, LINEAR HEAT or CALL POINT.

The module can be either powered from the Loop or an external power supply. The detector line can be monitored by a bipolar electrolytic capacitor. This will reduce considerably the quiescent current load on the loop. Alternatively a resistor can be used as an end of line device. Three LEDs are provided in order to monitor the operational status of the module.

TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	Loop Powered - 20 V to 30 V DC
LOOP CURRENT - LOOP POWERED	1.5 mA (Quiescent) - 3.5 mA (Zone Open-Circuit) 24 mA (FIRE) - 28 mA (Zone Short-Circuit)
LOOP CURRENT - EXTERNAL SUPPLY	0.5 mA
CURRENT - EXTERNAL SUPPLY	3.8 mA (Quiescent) - 5.8 mA (Zone Open-Circuit) @ 28 V DC nominal 26.3 mA (FIRE) - 30.8 mA (Zone Short-Circuit) @ 28 V DC nominal
MAX. CONVENTIONAL DEVICES/ ZONE	32
MAX. NO. OF MODULES/ LOOP	20 Loop Powered
MAX. CABLE SIZE	2.5 mm ²
COLOUR	White
CASE MATERIAL	ABS - Flame Retardant rating 94V0
OPERATING TEMPERATURE	-10°C to 50°C
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS	100 (D) x 48 (H) mm
WEIGHT	109 g

ORDER CODE

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