



# 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.

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	1.8 mA (Quiescent) - 3.2 mA (Zone OC) 25 mA (FIRE) - 38 mA (Zone Short-Circuit)
LOOP CURRENT - EXTERNAL SUPPLY	0.5 mA
CURRENT - EXTERNAL SUPPLY	4.5 mA (Quiescent) - 4.5 mA (Zone OC) @ 28 V DC nominal 29 mA (FIRE) - 44 mA (Zone Short-Circuit) @ 28V DC nominal
MAX. CONVENTIONAL DEVICES/ ZONE	32
MAX. NO. OF MODULES/ LOOP	20
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 - MODULE	19 g
WEIGHT - BOXED	109 g
ORDER CODE	
ZMU	ADDRESSABLE ZONE MONITORING UNIT