ZMU

ADDRESSABLE ZONE MONITORING UNIT

MADE IN PORTUGAL - EU

GLOBAL FIRE EQUIPMENT S.A.
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TECHNICAL SPECIFICATIONS

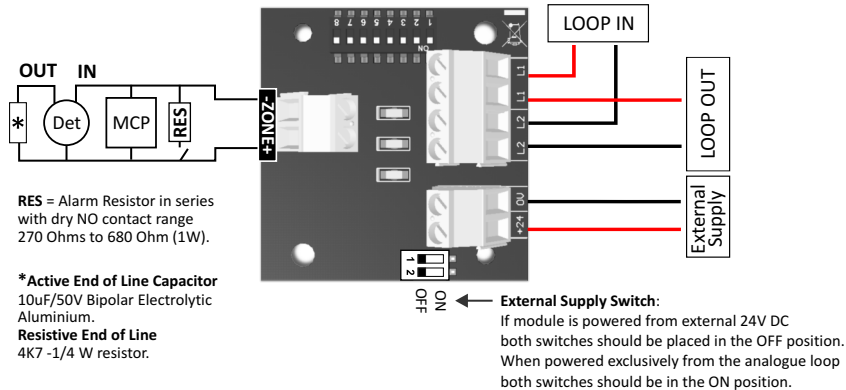|	
SUPPLY VOLTAGE	Loop Powered - 20 V to 30 V DC
LOOP CURRENT - LOOP POWERED	1.5 mA (Quiescent) - 3.5 mA (Zone OC)
	24 mA (FIRE) - 28 mA (Zone Short-Circuit)
LOOP CURRENT - EXTERNAL SUPPLY	0.5 mA
CURRENT - EXTERNAL SUPPLY	3.8 mA (Quiescent) - 5.8 mA (Zone OC) @ 28V DC nominal
	26.3 mA (FIRE) - 30.8 mA (Zone Short-Circuit) @ 28V DC nominal
MAX. CONVENTIONAL DEVICES/ ZONE	32
MAX. NO. OF MODULES/ LOOP	20 Loop Powered
MAX. CABLE SIZE	2.5 mm^2
CASE COLOUR / CASE MATERIAL	White / ABS - Flame Retardant rating 94V0
OPERATING TEMPERATURE / MAX. HUMIDITY	-10°C to 50°C / 95% RH Non-Condensing
DIMENSIONS / WEIGHT	100.3 (D) x 48 (H) mm / 109 g inc. packaging

ORDER CODE	DESCRIPTION
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CONNECTIONS

OUT   IN

RES = Alarm Resistor in series
with dry NO contact range
270 Ohms to 680 Ohm (1W).

*Active End of Line Capacitor
10uF/50V Bipolar Electrolytic
Aluminium.
Resistive End of Line
4K7 -1/4 W resistor.

External Supply Switch:
If module is powered from external 24V DC
both switches should be placed in the OFF position.
When powered exclusively from the analogue loop
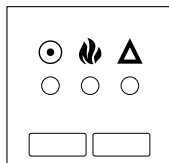both switches should be in the ON position.

NOTE: Maximum 32 conventional devices per zone.
(Max. 9 mA total quiescent consumption allowed per zone).

REPORTING DETAILS

In order to indicate the status of the module's working condition, three LEDs are provided:

STATUS: Green LED.
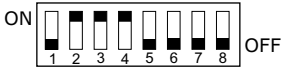Pulses at every panel poll.

FIRE: Red LED.
ON when zone is in alarm.

FAULT: Yellow LED.
ON while there is an open or short-circuit condition in the zone.
It will also be activated if E.O.L. capacitor is removed.

ON [switches] OFF   ON [switch] OFF

Switches 1-7 - Used to configure the module's address.

Switch 8 - OFF: Active End of Line / ON: Resistive End of Line.

(*Special function on Programming Mode.*
More details at Programming Manual available at our website).

ADDRESS SETTINGS

01 02 03 04 05 06 07 08
09 10 11 12 13 14 15 16
17 18 19 20 21 22 23 24
25 26 27 28 29 30 31 32
33 34 35 36 37 38 39 40
41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56
57 58 59 60 61 62 63 64
65 66 67 68 69 70 71 72
73 74 75 76 77 78 79 80
81 82 83 84 85 86 87 88
89 90 91 92 93 94 95 96
97 98 99 100 101 102 103 104
105 106 107 108 109 110 111 112
113 114 115 116 117 118 119 120
121 122 123 124 125