MULTI-IO

Addressable QUAD Zone Monitoring Unit / Triple Sounder / System Relays

The MULTI-IO is a fully monitored addressable module which can be used with Global Fire Addressable fire alarm control panels.

The module provides four Zone Monitor Units, three Sounder Units and two system auxiliary Relays.

The module requires an external 24V DC power supply. A Dedicated green LED indicates if a power supply is present.

The module has selectable Active or Resistive End of Line Monitoring for the Zone Monitor Units. The status of each zone is indicated by two LEDs. A Red LED signals Fire, Yellow indicates Fault on that zone.

KEY FEATURES

- Loop monitored for Open Circuits / Short Circuits
- Maximum 32 devices per Zone
- 1A Maximum combined current drive for S1, S2 and S3
- Powered from 24V external supply
- Four consecutive addresses selection (Zone Monitor Units)
- Seven consecutive addresses selection (Four Zone Monitor Units + Three Sounder Units)
- Active or Resistive end online.

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TECHNICAL SPECIFICATIONS

SUPPLY VOLTAGE	20V to 30V DC (External Supply)
SUPPLY CURRENT @24V DC	Active EOL: 9.7 mA Quiescent - per zone OC / SC / ALARM -7 / 33 / 23 mA - per sounder OC / SC / ACTIVE - 0 / 1 / 9 mA - per relay Active - 6 mA Resistive EOL: 27 mA Quiescent - per zone OC / SC / ALARM - 0 / 31.5 / 9 mA - per sounder OC / SC / ACTIVE - 0 / 1 / 9 mA - per relay Active - 6 mA
SOUNDER MAXIMUM CURRENT	1A Maximum current drive for S1, S2 and S3
DEVICES PER ZONE	32
MAX. CABLE SIZE	2.5 mm^2
CASE COLOUR / CASE MATERIAL	White & Transparent / ABS & PC
IP RATING	IP50
OPER. TEMPERATURE	-10°C to 50°C
MAX. HUMIDITY	95% RH Non-Condensing
DIMENSIONS	150 (W) x 90 (L) x 32 (H) mm
WEIGHT	210 g - boxed
ZONE END OF LINE CAPACITOR / RESISTOR	10uF 50V Bipolar Electrolytic / 4K7 Ohm ¼ W
SOUNDER END OF LINE	10K Ohm
RELAYS SPECIFICATIONS	2A 30V DC / 0.5A 125V AC
RELAY 1 FUNCTION (REL 1)	Active with any zone with alarm condition (zones "OR" function)
RELAY 2 FUNCTION (REL 2)	Panel Reset Signal (Active for 10s after a panel reset)

ORDER CODE

MULTI-IO	**1328-CPR-0576**	QUAD ZONE MONITOR, TRIPLE MONITORED SOUNDER OUTPUTS AND TWO SYSTEM RELAYS

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