

XP95

Zone Monitor Module – Multiple Device - Isolating



Product overview

Product	Zone Monitor Module – Multiple Device - Isolating
Part No.	55001-845
Product	Zone Monitor Module – Multiple Device - Isolating with ABS Enclosure
Part No.	55001-846
Native Protocol	XP95
Compatible Protocols	Discovery and CoreProtocol®

Product information

The XP95 Zone Monitor Module - Multiple Device - Iso (ZMM-MD) powers and controls the operation of a zone with up to 40 Orbis/Series 65 detectors** from the Apollo loop. The ZMM-MD provides a latching alarm status and a control panel-controlled reset function.

The ZMM-MD is fitted with a bi-directional short-circuit isolator and will be unaffected by loop short-circuits on either the loop input or loop output.

The ZMM-MD three onboard LEDs providing indication for alarm, loop polling/short circuit isolation and fault conditions. The polling LED can be enabled or disabled using switch 4 on the 4-way DIL switch.

- Loop Powered
- Latches in alarm
- Polling LED
- Addressing - DIL Switch
- Open circuit and short circuit zone cable monitoring
- Embedded loop isolator, maintaining product functionality in the event of a single loop short circuit

Technical data

All data is supplied subject to change without notice. Specifications are typical at 24 V, +25°C and 50% RH unless otherwise stated.

Supply Voltage	17 V - 28 Vdc Loop supplied
Protocol Voltage	5 V - 9 V
Power-up Surge Current for 250ms	900 µA
Quiescent Current	500 µA
Maximum Alarm Current	26.7 mA
Maximum Zone Cable Impedance	50 Ω
Certified Operating Temperature Range (CPR)	-20 °C to +70 °C
Humidity (no condensation or icing)	0% - 95% RH
IP Rating (in accordance with IEC60529)	IP67 (When in 29600-240 enclosure) IP65 (When in 29600-244 enclosure)
Short Circuit Isolator	Please reference Installation Guide 39215-515 (www.apollo-fire.co.uk)
Terminal Block Cable Size	0.1mm ² to 2.5mm ² CSA
Number of Cable Glands	20 x 20mm
Cable Gland Entry Type	Drill-out
Materials - Housing	Grey flame-retardant Polycarbonate
ZMM Dimensions (mm)	77 (h) x 107 (w) x 26 (d)
Enclosure Dimensions (mm)	150 (h) x 150 (w) x 75 (d)
ZMM Weight	97g
Enclosure Weight	332g

- Self-test - proof testing of alarm capability
- Earth fault current passed through from zone to CIE
- Local status indication LEDs
- Extended temperature range: -20°C to +70°C
- Supplied with EOLs (Including Active EOLs for UK markets)

Accessories

29600-240	Din-Rail Interface Enclosure (245mm)
29600-244	Din-Rail ABS Interface Enclosure
29600-440	I.S. Galvanic Barrier

* (29600-239 120mm enclosure is not suitable for this ZMM)

**Limited to 20 for UK systems

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All information in this document is given in good faith but Apollo Fire Detectors Ltd cannot be held responsible for any omissions or errors. The company reserves the right to change the specifications of products at any time and without prior notice.

Installation

Please refer to the installation guide document IG39215-515 available from the Apollo website:

www.apollo-fire.co.uk

EMC Directive 2014/30/EU

The ZMM-MD complies with the essential requirements of the EMC Directive 2014/30/EU, provided that it is used as described in this datasheet.

A copy of the Declaration of Conformity is available from the Apollo website: www.apollo-fire.co.uk

Conformity of the ZMM-MD with the EMC Directive, does not confer compliance with the directive on any apparatus or systems connected to it.

Construction Products Regulation 305/2011/EU

The ZMM-MD complies with the essential requirements of the Construction Products Regulation 305/2011/EU.

A copy of the Declaration of Performance is available from the Apollo website: www.apollo-fire.co.uk

Dimensions - Zone Monitor Module

