

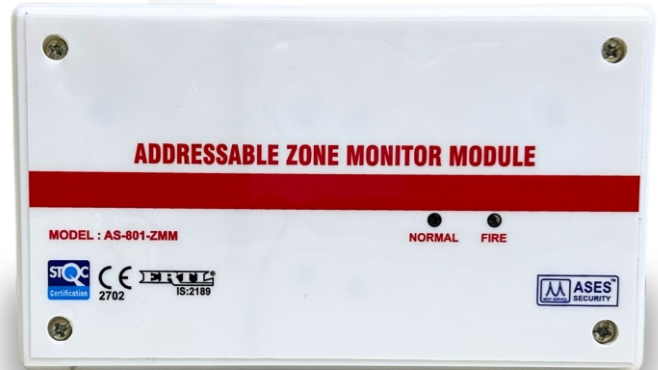
Intelligent Addressable Zone Monitor Module

MODEL: AS-801-ZMM

Description:

The **ASES Intelligent Addressable Zone Monitor Module** (Model: AS-801-ZMM) is a surface mounting with ABS body. The ZMM will integrate conventional detectors or conventional manual call points to Intelligent addressable system.

When any of the connected devices alarms are activated, the unit can send the alarm message to fire alarm controller, which generates alarm signal and displays the address of ZMM. The ZMM unit operates & monitors the conventional optical smoke detector, conventional rate of rise and fixed temperature detector, and conventional manual call point etc. It has the function of checking short or open circuit of the output connection, by the end of line resistor (EOL). The fault message includes open circuit, short circuit, or any removal of the detectors. Electronic addressing can be done programming from the dip switch.



Features :

Electronically addressed. The address can be modified in field through Dip Switch.

Compatibility with ASES SECURITY Analog addressable Fire Alarm Panel

Wall mount facility

Capable to monitor conventional zone event like Fire, integrated with 2 LED indication for Normal & Fire System ON, Open, Short & Fire.

Recommended Cabling:

1.5 mm² or above fire cable is recommended, laid through metal or flame-retardant conduit, but subject to local codes. Note: Different colour cables are used to avoid wiring mistakes.

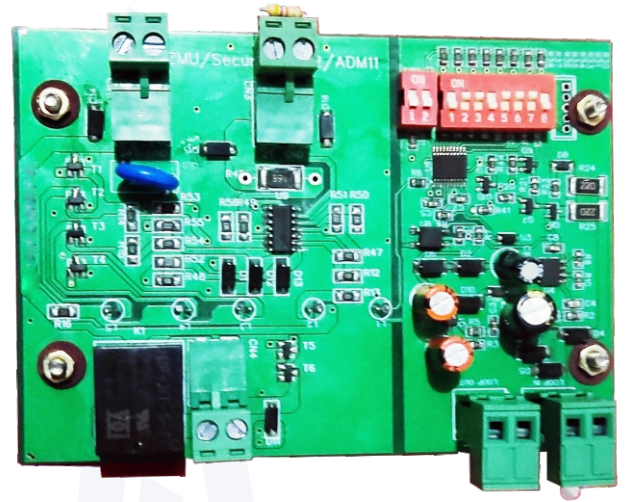
Approvals:



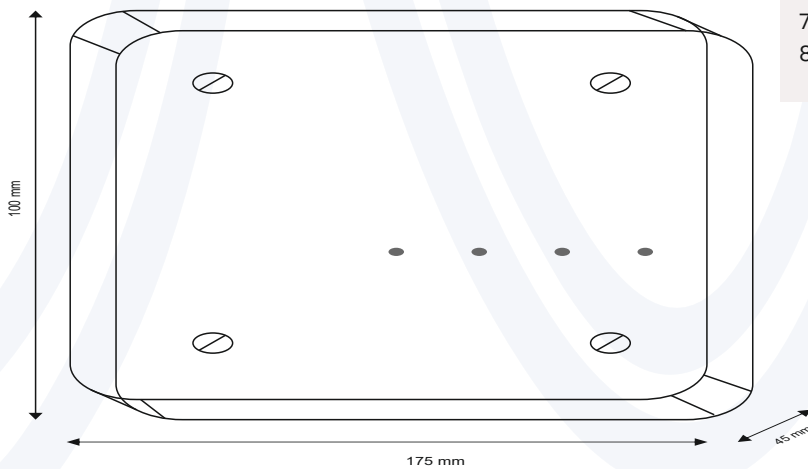
Technical Specification

Input Power Supply	24 VDC (External Type)
Analogue Loop voltage	22-24 Vdc
Current Consumption (Normal/fire)	4mA/ 8mA@ 24 Vdc
Conventional Zone voltage	19.5-23.5 Vdc
Current Consumption (Normal/fire)	14mA-90mA@24 Vdc
Application Temp range	-10° C to + 60° C
Humidity	5% to 95% Relative Humidity (non condensing)
Programming Method	Through Dip Switch
Zone capacity	Max 15 Nos. of Conventional Detectors or MCPs.
Housing	ABS
Weight	500gm (Approx)
Dimensions (mm)	175 x 100 x 45 (W x H x D)
Colour	White/Red

Control Module image for wiring:



Machanical Description:



There are 8 terminals with numbers on the base.

- 1 (+) : LOOP OUT POSITIVE
- 2 (-) : LOOP OUT NEGATIVE
- 3 (+) : LOOP IN POSITIVE
- 4 (-) : LOOP IN NEGATIVE
- 5 (Z+) : CONVENTIONAL DETECTOR ZONE POSITIVE
- 6 (GND-) : CONVENTIONAL DETECTOR ZONE NEGATIVE
- 7 (24 Vdc+) : EXTERNAL SUPPLY RESETTABLE TYPE
- 8 (GND-) : EXTERNAL SUPPLY NEGATIVE