



TX7222

Addressable Zone Monitor and Sounder Circuit Module

Feature and Benefits

- Built-in MCU processor and digital addressing
- Intelligent self-diagnosis of open circuit
- Enhanced capacity of interference resistance by using multilevel wave filtering process
- LED status indicator
- Onsite Adjustable Parameter
- Loop and external power input
- Aesthetically pleasing design
- N,P terminal parallel connecting up to 32 conventional detector
- S+,S- terminal parallel connecting up to 10 conventional detector
- Module mounting with fix base for simple installation

Overview

TX7222 Addressable Zone Monitor and Sounder Circuit Module is an addressable interface module, which will integrate conventional detectors or conventional manual call points to addressable system. When any of the connected devices alarms are active, the module can send the alarm message to fire alarm controller, which generates alarm signal and displays its address. The module can match with 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 (EOLR). The fault message includes open circuit, short circuit or any removal of the detectors.

The module is aesthetically pleasing with unobtrusive design that will complement modern building designs and its plug-in type assemblies make installation and maintenance more convenient to the installer. The module is compatible to the TX7004 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture TANDA, to avoid addressable communication compatibility problem.



Technical Specification

Input Voltage

Current Consumption

End of Line Resistance

Protocol/Addressing

Indicator Status

Material / Colour

Dimension / LWH

Weight

Operating Temperature

Ingress Protection Rating

Humidity

Loop Power: 24VDC [16V to 28V]

External PSU: 20 to 28VDC

Loop: Standby: 1.5mA, Alarm: 6mA

External PSU: Standby 15mA, Alarm: 500mA

5.1Kohms/ ¼ W

T&A, Value range from 1 to 254

Alarm LED: red, Normal: Single blink/Alarm: Steady

Fault LED: yellow, Normal: Not bright/Fault: Steady

Activation LED: red, Normal: Not bright/Active: Steady

ABS / White Glossy finishing

108 mm x 86 mm x 38 mm

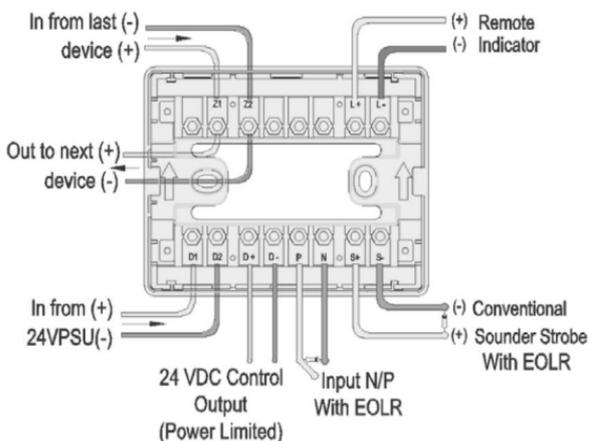
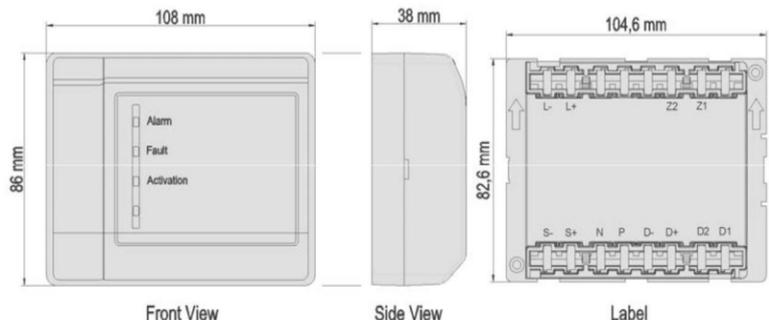
162g (with Base), 87g (without Base)

-10° C to +50° C

IP30

0 to 95% Relative Humidity, Non condensing

Installation and Wiring



Terminal Description

Z1 Signal In Non-polarity

Z2 Signal In Non-polarity

L+ Remote Indicator (+)

L- Remote Indicator (-)

D1 External Power Supply In (+)

D2 External Power Supply In (-)

D+, D- Output Cable (Only for the use of TX7130)

N connect detectors, Non-polarity

P connect detectors, Non-polarity

S+ Conventional Sounder Strobe (+)

S- Conventional Sounder Strobe (-)

