



TX7211

Addressable Sounder Circuit Module

Feature and Benefits

- EN54-18 Compliance
- 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
- Parallel connecting up to 10 fire alarm ($\leq 500\text{mA}$)

Overview

TX7211 Addressable Sounder Circuit Module unit 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 unit can send the alarm message to fire alarm controller, which generates alarm signal and displays its address. The unit 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.

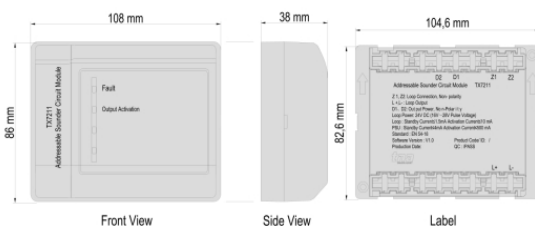
The unit manufactured base on the requirement of EN 54 part 18, European Standard. The unit is aesthetically pleasing with unobtrusive design that will complement modern building designs and its plug-in type assemblies make installation and maintenance more convenient to the installer. The unit is compatible to the TX7004 Analogue Intelligent Fire Alarm Control Panel, produced by single manufacture Tand to avoid addressable communication compatibility problem.



Technical Specification

Compliance	EN54-18:2005/AC2007
Operating Voltage	Loop: Loop 24V (16V~28V) Power: 24VDC (20VDC~28VDC)
Current Consumption	Loop: Standby 1.5mA, Alarm: 10mA External PSU: Standby 4mA, Alarm: 500mA
Alarm Mode	4 modes
End of Line Resistance	5.1Kohms/ ¼ W
Programming Method	Electronically addressed with 1~242, occupies one or two addresses.
Indicator Status	Fault LED: red, flashes when polling, flashes twice when the circuit is short, broken or 24V power off. Output Activation LED: red, illuminates when start.ABS /
Material / Colour	White Glossy finishing
Dimension / LWH	108 mm x 86 mm x38 mm
Weight	154g (with Base), 83g (without Base)
Operating Temperature	-10° C to +50° C
Ingress Protection Rating	IP30
Humidity	0 to 95% Relative Humidity, Non condensing

Installation and Wiring



- Z1 Signal In Non-polarity
- Z2 Signal In Non-polarity
- D1 External Power Supply In Nonpolarity
- D2 External Power Supply In Nonpolarity
- L+ Remote Indicator (+)
- L- Remote Indicator (-)

