

# 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

### 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 TANDA to avoid addressable communication compatibility problem.





For Better Protection

**Technical Specification**

**Compliance**

Operating Voltage  
Current Consumption

EN54-18:2005/AC2007

Loop: Loop 24V (16V~28V) Power:24VDC(20VDC~28VDC)

Loop: Standby 1.5mA, Alarm: 10mA

External PSU: Standby4mA, Alarm: 500mA

**Alarm Mode**

End of line Resistance  
Programming Method Electronically addressed with 1~242, occupies one or two addresses.  
Indicator Status

4 modes

5.1Kohms/ ¼ W

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.

**Material / Colour**

Dimension / LWH  
Weight  
Operating Temperature  
Ingress Protection Rating  
Humidity

ABS / White Glossy finishing

108 mm x 86 mm x38 mm

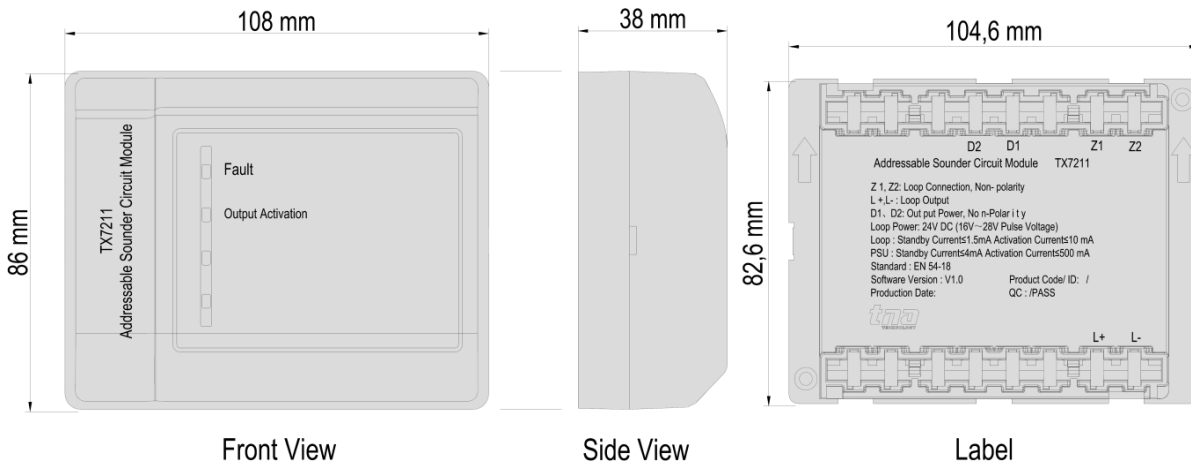
154g (with Base), 83g (without Base)

-10°C to + 50°C

IP30

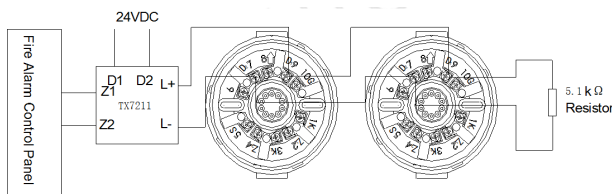
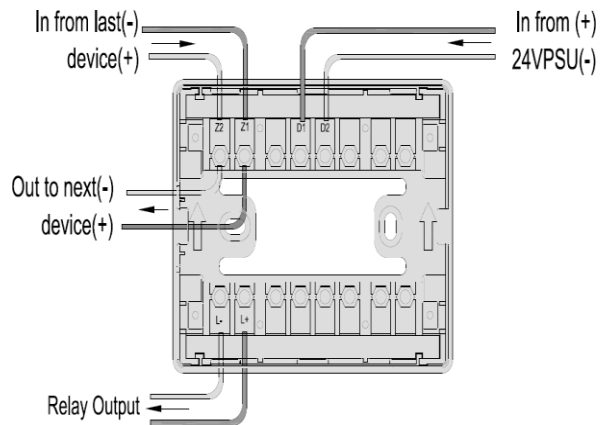
0 to 95% Relative Humidity, Non condensing

**Module and Wiring Details**



**Terminal Description**

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



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