

# TX7301

## Intelligent Sounder and Strobe



### Feature and Benefits

- EN54-3 Compliance
- Built-in MCU processor and digital addressing
- 17 tones Programmable sound output
- Programmable types such as Sounder-Strobe, Sounder or Strobe alone
- Programmable Evacuate or Pre-alarm/Evacuate signal
- Low and normal consumption mode
- One or Two addresses mode
- 10 Highlights LED status cluster
- Onsite Adjustable Parameters
- Loop or external power input
- Aesthetically pleasing design
- Universal mounting with fix base for simple installation

### Overview

The TX7301 Intelligent Sounder Strobe is alarm warning device used to notify persons in the vicinity of the occurrence fire emergency in order the person to take appropriate measures. The unit adopt multi-application device starting from the types, parameters and wiring layout in single unit. The TX7301 can change into different alarm warning types such as sounder-strobe type, sounder type or strobe type using programming tool. In addition, parameters can be configured according to the requirement which include alarm tone from 17 different tones, single address or dual address mode and also setting of power mode to low current consumption in a simple programming.

The unit manufactured base on the requirement of EN 54 part 3, 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 T&A, to avoid Intelligent communication compatibility problem.





For Better Protection

Technical Specification

Compliance

EN54-3

Power Rating

Input Voltage

Loop Power: 24VDC [18V to 27.5V]

External PSU: 24 VDC [20V to 27.5V]

Typical Current

Loop: Standby 0.7mA, Alarm: 1.5mA

[Loop and External PSU]

External PSU: Standby 0.6mA, Alarm: 17mA

Saving Current

Standby 1.2mA, Alarm: 9mA

[Loop powered]

Sounder Strobe

Protocol/Addressing

T&A, Value range from 1 to 254

Address Sequence

Single Address: Evacuate tone

Dual Address:

1<sup>st</sup> Alert Tone / 2<sup>nd</sup> Evacuate tone

Strobe Light

10 Highlights LED

Material / Colour

ABS / RED Glossy finishing

Dimension / Height

L:152.5 x W:88.5 x H:46.75 mm (without base)

Weight

184g (with Base), 124g (Without Base)

Class

Type A, Indoors

Operating Temperature

-10°C to +50°C

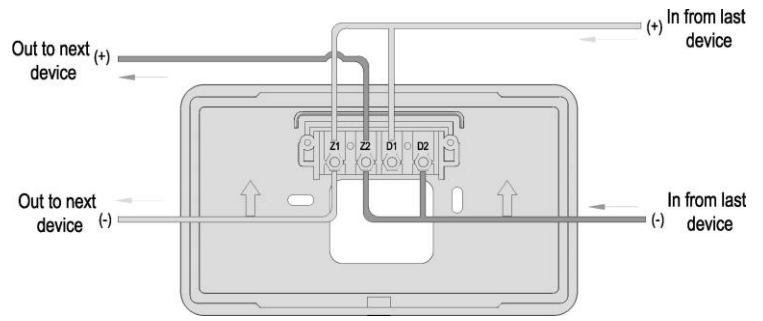
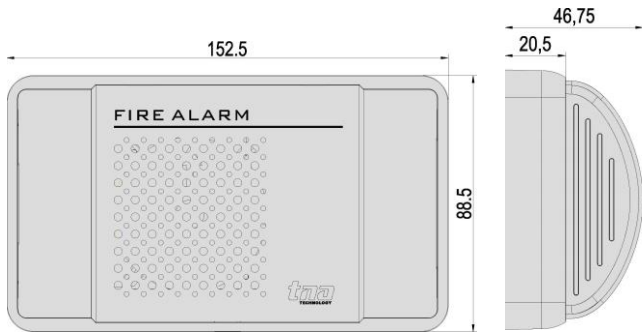
Ingress Protection Rating

IP21

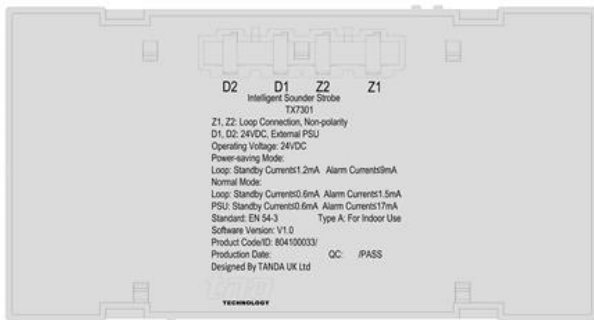
Humidity

0 to 95% Relative Humidity, Non condensing

Sounder and Wiring Details

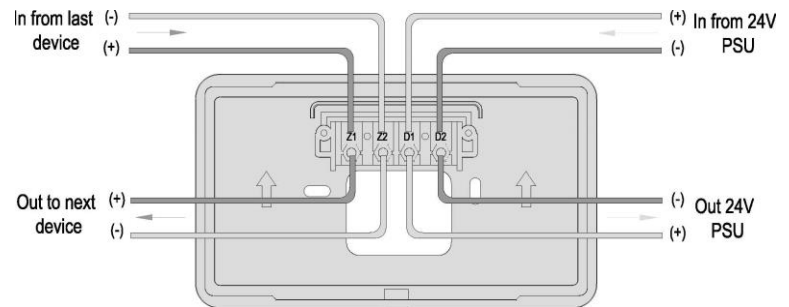


Loop Powered Wiring Details



Terminal Description

- Z1 Signal In (+)
- Z1 Signal Out (+)
- Z2 Signal In (-)
- Z2 Signal Out (-)
- D1 External PSU In (+) Optional
- D1 External PSU Out (+) Optional
- D2 External PSU In (-) Optional
- D2 External PSU Out (-) Optional



With External Supply Wiring Details



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