

# Explosion Proof Electronic Sounder(Telephone Initiated)

## SPNA-TI



### PRODUCT SPECIFICATION

SPNA-TI

**Materials** Housing-Al, Horn housing-ST5316L  
**Ambient operating temperature** -40°C ≤ Tamb ≤ +60°C  
**Sound volume** Max.118dB at 1m(Volume adjustable)  
**Protection rating** IECEx - Ex d II C T6 Gb, IP66  
 ATEX - EX II 2G Ex d II C T6 Gb, IP66  
**Certificates** IECEx, ATEX  
**Housing standard color** MUNSSELL No. 7.5BG 7/2  
**Cable entry** 1/2" NPT



SPNA-TI

- Explosion proof alarm horn sounder
- Telephone Initiated signal sounder triggers built-in alarm sound that is activated by 25Hz telephone ring signal
- Highly noticeable telephone alarm in noisy environment
- Telephone line(2 LINE) is connected to PSTN telephone line
- Various sound tones can be selected : warning sound, alarm, melody
- Aluminum housing provides excellent durability
- Installation of terminal block for power connection inside the housing
- Rated power when telephone lines are not in use: 45VDC - 55VDC
- Rated power when telephone rings : AC25V-AC120V, Frequency 15-55Hz

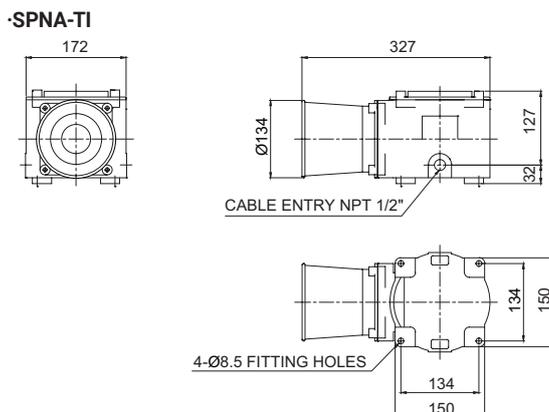
### SPNA-TI Explosion Proof Electronic Sounder, Max.113dB

| Model number | Voltage | Current | Sound pattern and volume  | Certificates | Weight |
|--------------|---------|---------|---|--------------|--------|
| SPNA-TI      | DC24V   | 830mA   | ·WS-5 Warning sounds: Max.118dB<br>·WP-5 Special warning sounds : Max.118dB | IECEx        | 6.09kg |
|              | AC120V  | 190mA   | ·WM-5 Melodies: Max.118dB<br>·WA-5 Alarms: Max.116dB                        |              | ATEX   |
|              | AC230V  | 110mA   | ·WV-5 Customizable voices: 110-115dB  |              |        |

- ※ Please refer to [Sound tone and combination for standard product] on this catalogue for detailed sound tone specification
- ※ Max.built-in volume feature is based on WS, WP-Ch1 / WM-Ch5 / WA-Ch5.
- ※ In case of customized WV 5 tone type, there may be difference of volume depending on user's audio file type.

### Technical Diagram

Units: mm

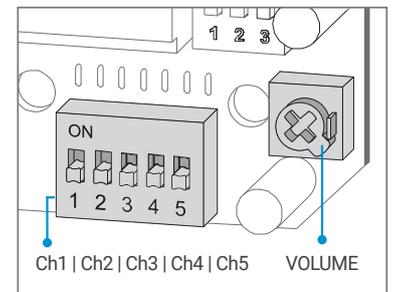


### Ordering Specification

|                             |   |  |   |  |   |   |   |  |
|-----------------------------|---|--|---|--|---|---|---|--|
| SPNA                        | - | WM   | - | 230  | - | LC  | - | TI   |
| [Model number]<br> <br>SPNA |   | [Sound]<br> <br>WS-Warning sounds<br>WP-Special warning sounds<br>WM-Melodies<br>WA-Alarms<br>WV-Customizable voices |   | [Voltage]<br> <br>24-DC24V<br>120-AC120V<br>230-AC220V |   | [sound selection]<br> <br>None-Standard type<br>LC Type-Uses external contact |   | [Telephone Initiated]<br> <br>TI-Telephone Initiated |

### Sound Selection Instructions and Wiring

- Standard Type: Select sound using the switch inside of the unit. When you turn on the dip switch for each channel, the designated sound will be played.



- Customization : External contact(LC)  
In case of select sound between external contact and transistors, sound line is threading as customization when product released(LC).

### Customization

- Explosion proof cable gland attached type available (Standard type does not come with explosion proof cable gland)
- 2 ways cable entries
- Customized cable entry (3/4" NPT, M20×1.5, M25×1.5) available