# DC-9403(IS)
## Intrinsically Safe Conventional Sounder Strobe

Ex

## Description

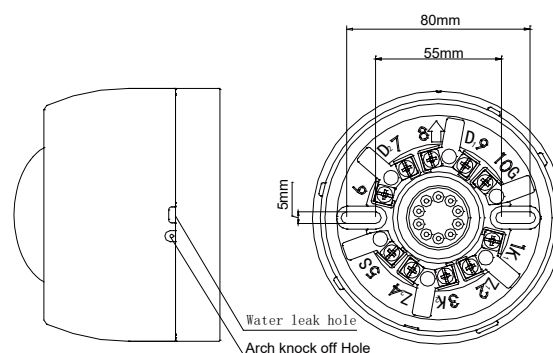DC-9403(IS) Intrinsically Safe Conventional Sounder Strobe is a kind of audio and visual alarm device used to warn people when fire occurs. It's applicable to Zone 1 and Zone 2 of areas with explosion-proof requirement in petroleum and chemical industries. With explosion proof interface I-9333, the sounder can be connected into GST addressable system. Each interface can only drive 1 Sounder/Strobe.

Base with 25.5mm height is available.

## Features and Benefits

● Sound level: 85dB (A-weighted, 3m in front)

## Terminals and Installation Holes

Below figures show the base and terminals of the sounder strobe.



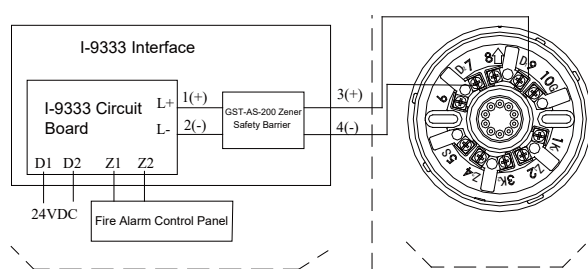There are ten terminals with marks on the base. Only 2 of them are for connection, other will help the fixing.

D1+ (9), D2- (7): Connected with I-9333 Interface, polarized

## Recommended Cabling

1.5mm$^2$ or above fire cable is recommended, laid through metal or flame-retardant conduit, but subject to local codes.

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https://www.gst.com.cn/en/about.asp

## Application

The sounder strobe is to be installed in hazardous areas. Be sure that an interface with Zener barrier is applied in the cabling before entering the hazardous area.

The sounder strobe can be driven by I-9333 interface zone. Only 1 sounder Beacon can be loaded by each interface. The typical connection is shown below.



## Certificates and Compliance

- Explosion-proof marking: Exib Ⅱ CT6 Gb
- Certificate Number: CE17.2190

## Order Information

| Part No. | DC-9403(IS) |
|---|---|
| Device Name | Intrinsically Safe Conventional Sounder Strobe |
| Product No. | 10105045 |
| Compatible Products | I-9333 Flame Proof Sounder Control Interface |

## Technical Specification

| | |
|---|---|
| Operating Voltage | 24VDC (16VDC~28VDC) |
| Standby current | ≤5mA |
| Active current | ≤50mA |
| Sound Level | Sound level: 85dB ~ 115dB (A-weighted in 3m front). |
| Flashing Frequency | 1.4×(1±20%)Hz |
| Tone Modification Period | 0.7s±20％ |
| Explosion-proof marking | Exib Ⅱ CT6 Gb |
| Certificate Number | CE17.2190 |
| Ingress Protection Rating | IP33 |
| Operating Temperature | -10°C ~ +55°C |
| Relative Humidity | ≤95%, non condensing |
| Application | Indoor |
| Enclosure | ABS, red. 107Ω≤surface resistance≤109Ω, Plexiglas in front |
| Dimension | φ110mm×95.9mm |
| Mounting Hole Spacing | 55mm ~ 80mm |
| Weight | About 322.2g |

## Accessories and Tools



Part No.: C-94DB
Device name: Deep Base
Product No.: 30203792