

DC-9404(IS)

Intrinsically Safe Conventional Sounder

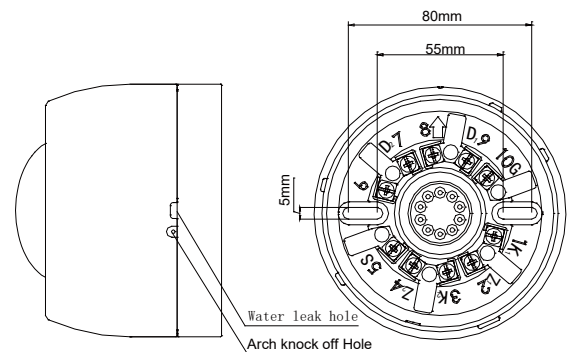


Ex

Description

DC-9404(IS) Intrinsically Safe Conventional Sounder is a kind of audio 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. It can match with I-9333 Interface.

Base with 25.5mm height is available.



There are ten terminals with marks on the base. Only 2 of them are for connection, others will help the fixing.
D1+ (9), D2- (7): Connected with I-9333 Interface, polarized

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.

Recommended Cabling

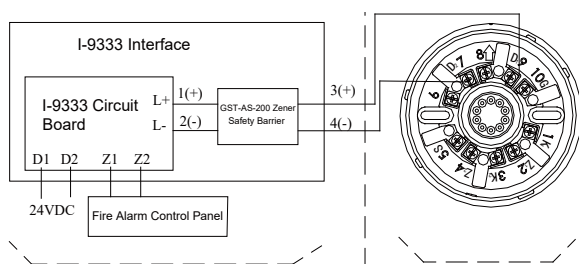
1.5mm² or above fire cable is recommended, laid through metal or flame-retardant conduit, but subject to local codes.

IMPORTANT: This publication is a generic version in which product information is shown for informational purposes only and does not constitute a specific commitment or guarantee. We are constantly pursuing the improvement of product technology to improve product performance, for which we reserve the right to adjust the configuration and technical information of the related products without notice. In addition, the description of system performance in this publication applies only to the usual situation. As a result, there may be a variety of unpredictable special circumstances in the real world, so the realization of the relevant product performance will depend on the professional investigation and analysis and the design plan. Please contact us and we will be happy to provide you with professional advice.

Application

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



Technical Specification

Operating Voltage	24VDC (16VDC~28VDC)
Standby current	≤5mA
Active current	≤50mA
Sound Level	Sound level: 85dB ~ 115dB (A-weighted in 3m front).
Explosion-proof marking	Exib II CT6 Gb
Certificate Number	CE22.3907
Ingress Protection Rating	IP33
Operating Temperature	-10°C ~ +55°C
Relative Humidity	≤95%, non condensing
Application	Indoor
Enclosure	ABS, red. 10 ⁷ Ω≤surface resistance≤10 ⁹ Ω, Plexiglas in front
Dimension	φ110mm×95.9mm
Mounting Hole Spacing	55mm ~ 80mm
Weight	About 312.2g

Certificates and Compliance

- Explosion-proof marking: ExibIICT6 Gb
- Certificate Number: CE22.3907

Order Information

Part No.	DC-9404(IS)
Device Name	Intrinsically Safe Conventional Sounder
Product No.	10105046
Compatible Products	I-9333 Flame Proof Sounder Control Interface

Accessories and Tools



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