

DC-9202(IS)

Intrinsically Safe Conventional Manual Call Point



Ex

Description

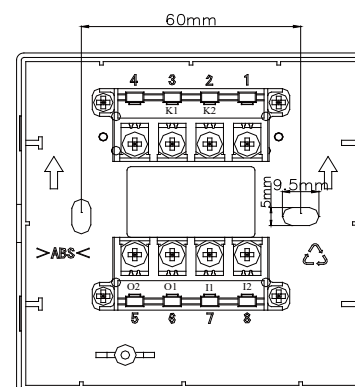
DC-9202(IS) Intrinsically Safe Conventional Manual Call Point is installed in public areas. When there is fire, pressing the glass on this MCP, alarm signal can be sent to fire alarm control panel. It's mainly applicable to inflammable and explosive areas in petroleum, chemical industries.

Features and Benefits

- Plug-in structure, easy for installation
- The triggering glass is restorable using a special key after pressed

Terminals and Installation Holes

Below figures show the back and terminals of the MCP.



I1, I2: Zone in, connects to safe side of safety barrier or previous device, polarized

O1, O2: Zone out, connects to the next device or EOLR, polarized

K1, K2: Normally open output, rated 100mA/30VDC

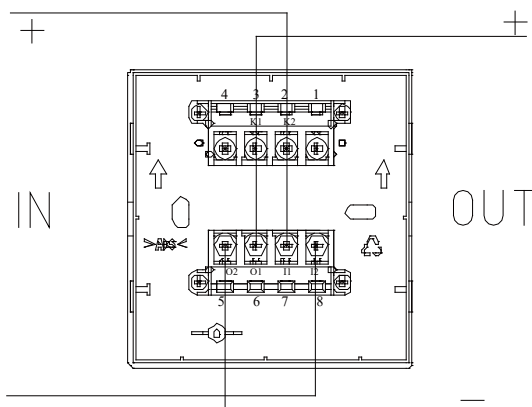
Recommended Cabling

1.0mm² or above fire cable is recommended, laid through metal or flame-retardant conduit, but subject to local codes.

The capacitance distributed among cables should not be over 0.083μF, and the inductance distributed should not be over 4.1mH

Application

The wiring diagram is shown below



Certificates and Compliance

- Explosion-proof Mark: Exib II CT6 Gb
- Explosion-proof Certificate: CE21.0157

Order Information

Part No.	DC-9202(IS)
Device Name	Intrinsically Safe Manual Call Point
Product No.	10105044
Compatible Products	I-9332 Flame Proof Zone Monitor Interface

Technical Specification

Operating Voltage	Loop 24VDC (16VDC~28VDC)
Operating Current	Standby Current: 0mA Alarm Current: ≤30mA
Output Capacity	Volt-free normally open output contact signal, rated 30VDC/100mA, contact resistance≤0.1Ω
Type of Initiating Part	Reusable
Initiating Mode	Pressing the glass manually
Reset Mode	Reset by a special key
Fire Alarm Indicator	Red. It is off normally and illuminates under fire condition
Operating Environment	Type: Indoor Temperature: -10°C ~ +55°C Relative Humidity≤95%, non-condensing
Dimensions	95.4mm × 98.4mm × 45.5mm (with base)
Ingress Protection Rating	IP43
Explosion-proof Mark	Exib II CT6 Gb
Certificate Number	CE21.0157
Enclosure	ABS, red. 10 ⁷ Ω≤surface resistance≤10 ⁸ Ω, Plexiglas in front
Weight	About 221g (with base)
Mounting Hole Distance	60mm