

# DC-9202(IS)

# Intrinsically Safe Conventional Manual Call Point



Ex

#### **Description**

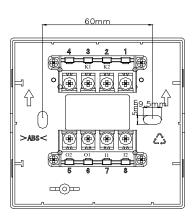
DC-9202(IS) Intrinsically Safe Conventional Manual Call Point is installed in public areas. When there is fire, pressing the glass on this MCP, alarm signal can be sent to fire alarm control panel. It's mainly applicable to inflammable and explosive areas in petroleum, chemical industries.

#### **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

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

## **Recommended Cabling**

EOLR, polarized

1.0mm<sup>2</sup> or above fire cable is recommended, laid through metal or flame-retardant conduit, but subject to local codes.

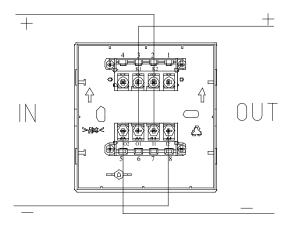
The capacitance distributed among cables should not be over  $0.083\mu F$ , and the inductance distributed should not be over 4.1mH

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 wiring diagram is shown below



## **Certificates and Compliance**

Explosion-proof Mark: Exib II CT6 GbExplosion-proof Certificate: CE11.2142

## **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	CE11.2142
Enclosure	ABS, red. 10 <sup>7</sup> Ω≤surface resistance≤10 <sup>9</sup> Ω, Plexiglas in front
Weight	About 221g (with base)
Mounting Hole Distance	60mm
Certificate Number  Enclosure  Weight	CE11.2142  ABS, red. 10 <sup>7</sup> Ω≤surface resistance≤10 <sup>9</sup> Ω, Plexiglas in front  About 221g (with base)