



Model No.: TDE-MCP01EX

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Thank you for using our products. Pls read this manual before operation.

Overview

TDE-MCP01EX explosion-proof manual call point is a conventional typedevice with relay output, it's compatible with most of fire alarm control panels in the market.

TDE-MCP01EX explosion-proof manual call point is an essential device in use of fire alarm system. When there is a fire, people confirm the fire incident and press the manual alarm button, after it's activated, a fire alarm signal will be sent to the control panel, which will give visual and audio alarms to warn people for evacuation. TDE-MCP01EX explosion-proof manual call point has self-locking function and with a special key for reset, which is designed to meet the national standard requirements.

TDE-MCP01EX explosion-proof manual call point has twin LED indicators. When the device is in normal working status, green LED indicator lights on, when the device is in alarm status (activated), red LED indicator lights on.

TDE-MCP01EX explosion-proof manual call point complies with GB3836-2010 standards for explosion proof performance. The manual call point is applicable to Zone 1 and zone 2, containing the hazardous area of class II C T6 temperature explosive gas atmosphere.

Parameters

- Explosion-proof mark: Ex d II C T6 Gb
- The ambient temperature: -10° C ~ +55° C
- Relative humidity: ≤95% (non-condensing)
- Atmospheric pressure: 80~110KPa
- Contact capacity: OUT-1, normally open 0.5A
- Working voltage: DC24V

- LED indicator: green (working), red (alarm)
- IP grade: IP45 (standard), IP65 (customized)
- Waterproof cover is optional
- Anti-misoperation cover is optional
- Wire inlet thread: G1/2"
- Weight: about 1kg

Appearance and Dimension

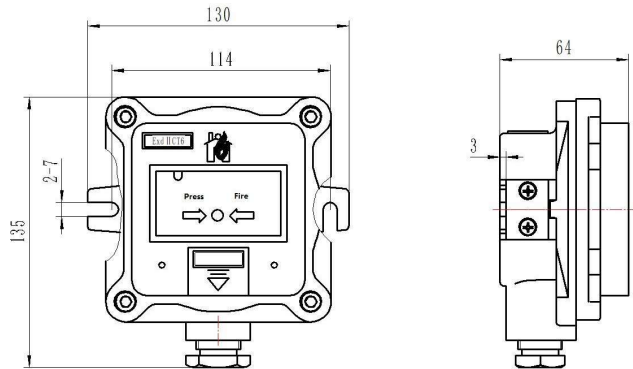


Figure 1

Installation

According to the construction site installation requirements, AS-MCP01EX explosion-proof manual call point can be wall mounted or installed onto an upright column. When wall mounting, use M6 expansion screws to fix the device through its mounting claw to the wall. It's generally required to be positioned at 1.5m from floor level.

Wiring

The connection terminals are as shown in figure 2.

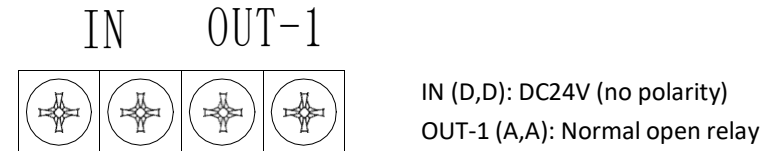


Figure 2

Cable Lead-in Device: class II B adopts gland nut sealing ring structure
class II C adopts stuffing seal structure.

Precaution

1. It is strictly forbidden to open cover or disassemble the **electrified** device in inflammable and explosive places.
2. Keep the explosion proof base clean and dry, be careful not to damage it during installation. The fastening screws of the explosion-proof base should be tightened. Be careful not to mix foreign objects on the explosion-proof base.
3. If the device is in long-term use, please maintain it regularly, make sure the device performance, buttons, indicators are in good condition. Please give to professionals for repair if the device has any failure or damage.