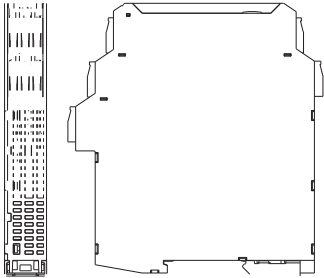


→ Dimension

Width × Height × Depth: 17.8 mm × 110 mm × 117 mm



→ Rotary switch setting

→ Applications

This apparatus is used for transmitting signals between field devices and process control system. It can be used to connect field equipment which is installed in potentially explosive gas environment, and protect the intrinsically safe equipment in a hazardous area by limiting current and limiting voltage.

The apparatus can convert the RS422 digital signals from a hazardous area into RS485/RS232/RS422 digital signals to a safe area, and also provides power to the transmitter.

- C. Remove the safety barrier as arrow shows.
- As far as possible to mount it vertically, In order to dissipation the heat of the apparatus.

Vertically installation

→ Light indication

- **PWR**: Power indicator light shows green, it means work normally.
- **TX (yellow)**: The indicator flashes while data sending and turns on when sending data fails. Otherwise, the indicator turns off when normal.
- **RX (green)**: The indicator flashes while data receiving and turns on when receiving data fails. Otherwise, the indicator turns off when normal.

→ Attention

- Isolated Safety Barriers degree of protection is IP 20 and must be protected from undesirable ambient conditions (waterproofing, small foreign objects). It is suitable for installation in the control room or high density field cabinet, DIN 35 mm installation is convenient for installation and displacement.
- The devices were designed for use in pollution degree 2 and overvoltage category III as per IEC/EN 60664-1. If used in areas with higher pollution degree, the devices need to be protected accordingly.
- Installation position shall not be affected by strong mechanical vibration; impact and electromagnetic induction from signal terminal and power supply, should conformity with the requirements on electromagnetic interference resistance of products in Class 3 industrial field atmosphere stipulated in IEC 61000-4; the atmosphere shall be free from gases that are corrosive to metal and plastic components.
- The apparatus must be installed, connected and adjusted by qualified personnel in non-hazardous area according with the instruction manual.
- The operator must strictly comply with the relevant local safety standards and guidelines.

→ Supplementary instructions

- Our company reserves the right to change the product information without prior notification to the user. If the contents of the description are different from website or sample, this description shall prevail.