

Ex-Proof Junction Box

A cathodic protection junction box is a crucial component in cathodic protection (CP) systems, used to manage and facilitate the distribution and monitoring of electrical currents in corrosion control applications. These junction boxes are designed to be versatile, accommodating various electrical characteristics while also being tailored to withstand specific environmental conditions.

Our cathodic protection junction boxes are designed to provide accurate and reliable connecting, effective management, monitoring, and control of CP systems, ensuring optimal performance in preventing metal corrosion.

A cathodic protection explosion-proof junction box is a specialized type of junction box designed for use in environments where there is a risk of explosive atmo-



KEY FEATURES

- 1.Safe and Reliable Components Optional
- 2.Customized Materials and Dimensions
- 3.Maintenance and Reliability
- 4.Easy installation and disassemble
- 5.Heavy Duty Steel Enclosure

PRODUCT SPECIFICATIONS

Enclosure Material: Casting Aluminum or Stainless Steel

Terminal: 2 to 20nos of Copper Terminals

Busbar: Copper 25mm x 5mm

Insulation Plate: Epoxy

Cable Entrance: Exd Cable Gland

Supporting: Back Galvanized Steel Bracket

Resistor: Adjustable Resistor 10~500W

Shunt: 1A~100A/75mV

Crimp Lugs: Included

Disconnecting Bar: Optional

Normal Explosion Grade: Exd IIB T4

IP Grade: IP66

Temperature: -40°C to +80°C

Application Area: Zone I or Zone II

