



SJB-P Series Explosion Proof Junction Box

Class I Division 2, Group A, B, C, D	Zone 1, Zone 2
Class II Division 1, Group E, F, G	Zone 21, Zone 22
Class III	Type 4X, IP66
Ex e IIC T6 Gb	Max.125A
Ex tb IIIC T80°C Db IP66	Built-in Terminal Blocks

Applications

- Usage by application: Depends on the application field, explosion proof junction box can be used in upstream oil and gas plant, processing refinery and petrochemical plant, fuel related plant, chemical and mining plant and anywhere there is flammable gas, vapor, mist and dust.
- Function: From the filed bus cable to feeder cable, a large number and kinds of resistor and control units will be put among the electrical circuit, explosion proof junction box is to connect one end of cable with another end in an enclosed housing for well-organized branch wiring.

Features

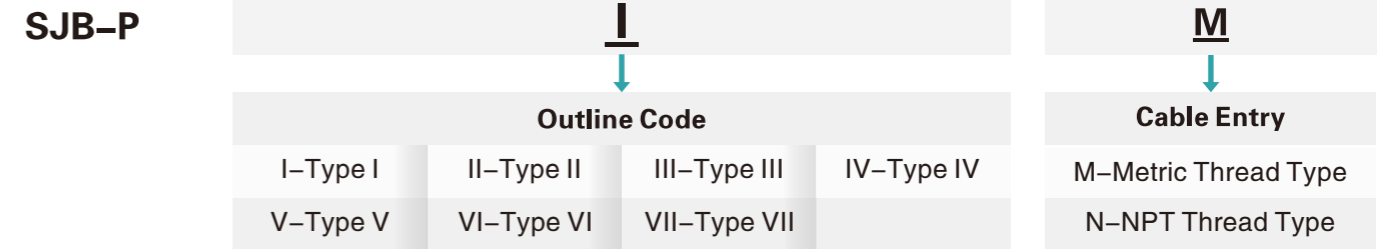
- Developed for extreme and corrosive environment, explosion proof junction box SJB-P series is increased safety type ex proof junction box widely used as class 1 div 2 junction box in combustible gas atmosphere. Structured by glass reinforced polyester material housing and safety enhancing terminal blocks. Particularly, this explosion proof terminal box is the best solution to reduce the electromagnetic interference for electromagnetic field of hazardous location.
 - Interior chassis mounted terminal blocks for precise connection location inside the housing
 - Multifarious size for different current of main circuit and branch circuit

Technical Datasheet

Compliances	IEC Standard	EU Standard	NEC & CEC Standard
	IEC60079-0, IEC60079-7, IEC60079-31 Ex e IIC T6 Gb Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	EN60079-0, EN60079-7, EN60079-31 ⚠ II 2 G Ex e IIC T6 Gb ⚠ II 2 D Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	Class I, Div.2, Group A, B, C, D Class II, Div.1, Group E, F, G Class III
Material	Glass Reinforced Plastic, black		
Rated Voltage	Max.690V AC		
Rated Current	Max.125A		
IP Grade	Wet Locations, Type 4X, IP66		
Ambient Temperature	-40°C ~ +55°C / -40° F ~ +131° F		
Cable Entry	Metric or NPT thread type plugs (standard) or cable glands		

Suitable Cable & Rated Current	2.5mm ²	4mm ²	6mm ²	10mm ²	16mm ²	35mm ²
	24A	32A	41A	57A	76A	125A
Type	I / II / III / IV / V / VI / VII					

Catalogue Numbering System



Mounting Options & Dimensions (mm/inch)

