







SJB-S Series Explosion Proof Junction Box

Class I Division 2, Group A, B, C, D Class II Division 1, Group E, F, G Class III Ex e IIC T6 Gb Ex d IIC T6 Gb

Zone 1, Zone 2 Zone 21, Zone 22 Type 4X, IP66 Max.125A 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.

Ex tb IIIC T80°C Db IP66

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

- Featuring brilliant mechanical impact resistance and excellent corrosion resistance, explosion proof junction box SJB-S series is actually an increased safety stainless steel junction box with good quality terminal blocks. This stainless steel junction can be made of stainless steel 304 or 316 to be used as class 1 div 2 junction box factory-made based on more strict standards than intrinsically safe junction box requirements.
 - Support rails to assembly terminal blocks in modular way for clear maintenance
 - Factory sealed stainless steel increased safety explosion proof housing to increase the safety level

Technical Datasheet

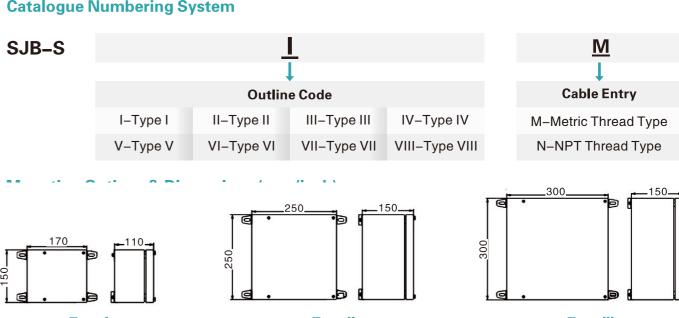
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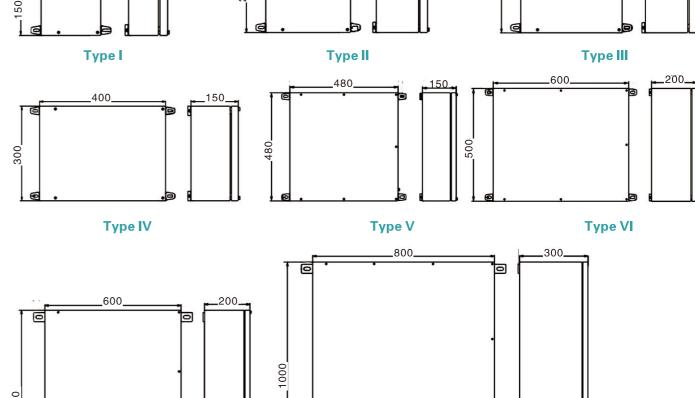
Compliances	IEC Standard IEC60079-0, IEC60079-1, IEC60079-7, IEC60079-31 Ex e IIC T6 Gb Ex d IIC T6 Gb Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	EU Standard EN60079-0, EN60079-1, EN60079-7, EN60079-31 Il 2 G Ex e IIC T6 Gb Il 2 G Ex d IIC T6 Gb Il 2 D Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	NEC & CEC Standard Class I, Div.2, Group A, B, C, D Class II, Div.1, Group E, F, G Class III				
Material	Stainless steel						
Rated Voltage	Max.500V 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						

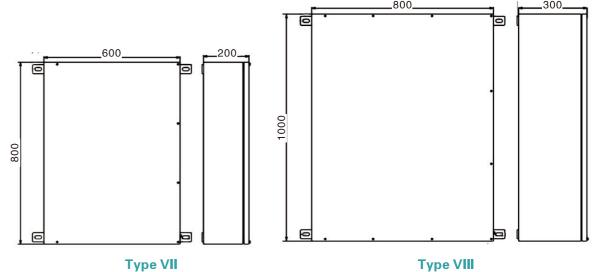
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Suitable Cable & Rated Current	2.5mm²	4mm²	6mm²	10mm²	16mm²	35mm²
	24A	32A	41A	57A	76A	125A
Туре						

Catalogue Numbering System







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