



SPN-ed-S Series Explosion Proof Panel

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 d e IIC T5 Gb	Max.160A
Ex tb IIIC T80°C Db IP66	Built-in Circuit Breaker

Applications

- Usage by application: Depends on the application field, explosion proof junction box can be used in oil and gas plant, processing refinery, oil tankers, underground mining plant chemical plant and anywhere there is flammable gas, vapor, mist and dust.
- Function: From the incoming wires to the outgoing wires, from main circuit to brand circuit, explosion proof panel play an intermediate allocator role in distributing electricity for load.

Features

- Stainless steel material explosion proof panel SPN-ed-S series are widely used to withstand high strength mechanical impact and resist high corrosive condition in explosive atmosphere. Installed with built-in flame proof Ex d circuit breaker in increased safety Ex e housing and operating handle on the housing cover, this explosion proof panelboards can be used as hazardous location panel and ATEX db whose hazard class division is class 1 div 2 group A, B, C, D and zone 1 group IIC.
 - ➡ Increased safety Ex e stainless steel housing
 - ➡ Flame proof Ex d electrical breakers, buttons and indicators

Technical Datasheet

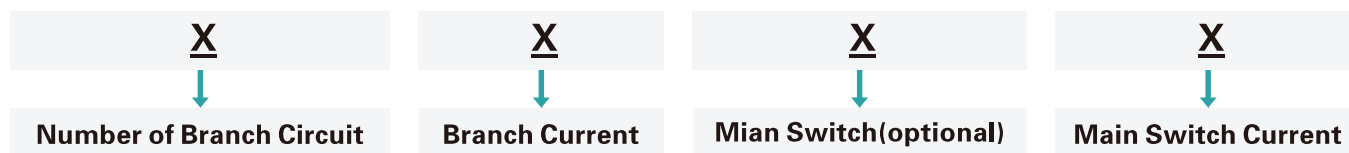
Compliances	IEC Standard	EU Standard	NEC & CEC Standard
	IEC60079-0, IEC60079-1, IEC60079-7, IEC60079-31 Ex d e IIC T6 Gb Ex tD A21 T80°C IP66 Zone 1, Zone 2 Zone 21, Zone 22	EN60079-0, EN60079-1, IEC60079-7, EN60079-31 ⚠ II 2 G Ex d e IIC T6 Gb ⚠ II 2 D Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	Class I, Div.2, Group A, B, C, D Class II, Div.1, Group E, F, G Class III
Material	Stainless Steel		
Rated Voltage	Max.100V AC		
Rated Current	Max.160A		
IP Grade	Wet Locations, Type 4X, IP66		
Ambient Temperature	-60°C ~ +60°C / -76° F ~ +140° F		
Cable Entry	Metric or NPT thread type plugs (standard) or cable glands		

Built-in Components

Main Switch (MCB or MCCB), Branch Switch (MCB or MCCB), Indicator, Pushbutton, Terminal etc.

Catalogue Numbering System

SPN-ed-S-



Mounting Options & Dimensions (mm/inch)

