

SPN-ed-P 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

- With contained flame proof Ex d circuit breaker and enclosed by increased safety Ex e glass reinforced plastic housing, SPN-ed-P series explosion proof panel is Ex ed type explosion proof panelboards which can be used as electrical distribution unit in harsh, hazardous, corrosive and electromagnetic field whose hazard class division can be class 1 div 2, group A, B, C, D and zone 1 group IIC. Along with flame proof miniature circuit breaker, it is the most light-weight and economic solution for class 1 div 2 miniature circuit breaker.
 - ➡ Increased safety Ex e glass reinforced plastic housing
 - ➡ Flame proof Ex d electrical breakers, buttons and indicators

Technical Datasheet

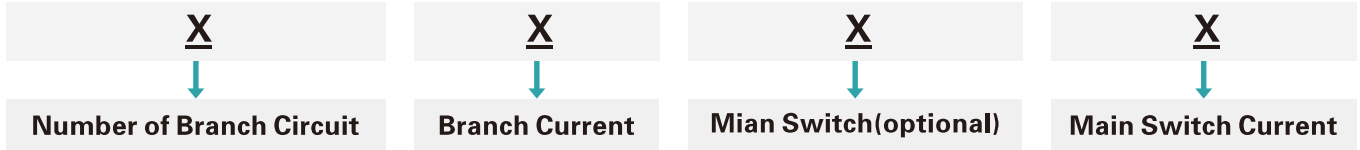
Compliances	IEC Standard	EU Standard	NEC & CEC Standard
	IEC60079-0, IEC60079-1, IEC60079-7, IEC60079-31 Ex d e IIC T6 Gb Ex tD A21 T80°C IP66 Zone 1, Zone 2 Zone 21, Zone 22	EN60079-0, EN60079-1, EN60079-7, EN60079-31 II 2 G Ex d e IIC T6 Gb II 2 D Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	Class I, Div.2, Group A, B, C, D Class II, Div.1, Group E, F, G Class III
Material	Glass Reinforced Plastic, black		
Rated Voltage	Max.415V AC		
Rated Current	Max.160A		
IP Grade	Wet Locations, Type 4X, IP66		
Ambient Temperature	-20°C~ +55°C /-4° F ~ +131° 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, Terminal etc.

Catalogue Numbering System

SPN-ed-P-



Mounting Options & Dimensions (mm/inch)

