



SPN-d-IIB Series Explosion Proof Panel

Class I Division 1, Group 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 IIB T6 Gb	Max.630A
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

- To be suitable for class 1 div 1, group C, D and zone 1 group IIB, SPN-d-IIB series explosion proof panel have flame proof Ex d type aluminum housing and internal general type circuit breaker, control pushbuttons, indicators and can resist the mostly used hazardous condition excluding acetylene and hydrogen atmosphere. Flexible operating handle of explosion proof panelboards is designed for free switch off on the front cover access and optional surface and free-standing bracket bring convenience for installation.
 - Rigorous overall layout for electrical components inside the housing to reduce the potential of explosion
 - Low surface roughness plane joint flame proof path to disperse explosion energy occurs in the housing
 - Four-side available hubs to arrange the incoming and outgoing cable as requested
 - Buttons, indicator, switches are clearly installed in front surface for accurate controlling

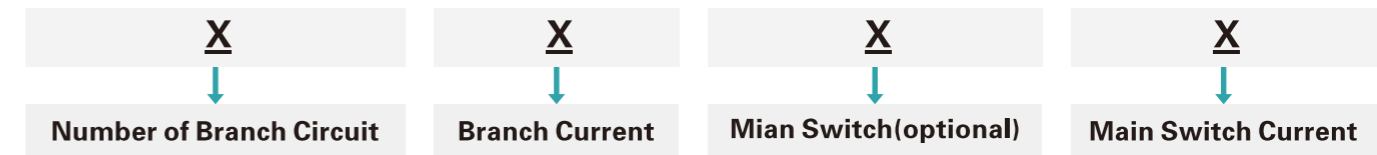
Technical Datasheet

Compliances	IEC Standard IEC60079-0, IEC60079-1, IEC60079-31 Ex d IIB T6 Gb Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	EU Standard EN60079-0, EN60079-7, EN60079-31 ⚠ II 2 G Ex d IIB T6 Gb ⚠ II 2 G Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	NEC & CEC Standard Class I, Div.1, Group C, D Class II, Div.1, Group E, F, G Class III
Material	Copper-free aluminium, grey		
Rated Voltage	Max.690V AC		
Rated Current	Max.630A		
IP Grade	Wet Locations, Type 4X, IP66		
Ambient Temperature	-60°C~ +55°C /-76° 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) , Terminal etc.

Catalogue Numbering System

SPN-d-IIB-



Mounting Options & Dimensions (mm/inch)

