



SW-P Series Explosion Proof Lighting Switch

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 T6 Gb	Max. 16A
Ex tb IIIC T80°C Db IP66	Built-in Switch

Applications

- Usage by application: Depends on the application field, explosion proof switch can be used in where explosion proof lighting installed, such as oil extraction plant, oil or gas refinery plant, oil processing plant, petrochemical and chemical plant anywhere there is combustible gas, vapor, mist and dust.
- After installing any explosion proof lighting, you need install explosion proof switch to control the power on and off of explosion proof lighting in order to manager when and how to lighten for any place at dark time or night to run the projects constantly even with 24 hours.

Features

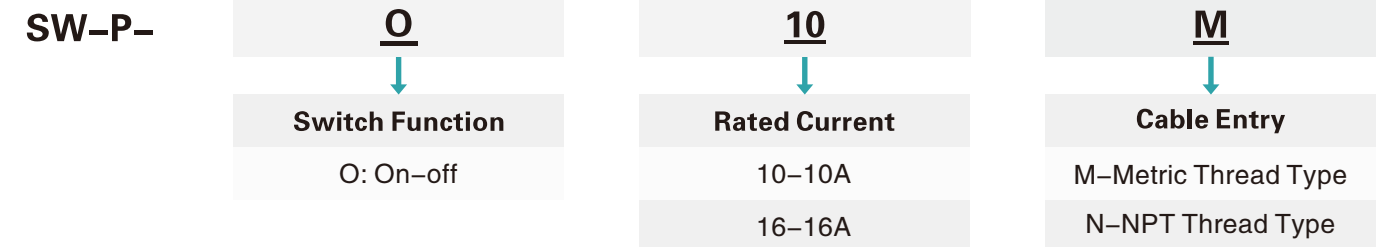
- Born for extreme corrosive environment such as strong acid, strong alkaline, electrostatic discharging areas, SW-P series explosion proof switch is a special presence and usage to replace other traditional metal material of explosion proof light switch. Application for low temperature rise electrical material for components and increased safety glass fiber reinforced polyester housing, this model can be used as zone 2 light switch, division 2 for switch and anti spark power switch.
 - Labor-saving on-off operating handle to control the power on and off rapidly
 - Glass reinforced plastic material housing for corrosion resistance and anti-magnetic performance

Technical Datasheet

Compliances	IEC Standard	EU Standard	NEC & CEC Standard
	IEC60079-0, IEC60079-1, IEC60079-31 Ex d IIC T6 Gb Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	EN60079-0, EN60079-1, EN60079-31 ⚠ II 2 G Ex d IIC T6 Gb ⚠ II 2 D Ex tb IIIC T80°C Db IP66 Zone 1, Zone 2 Zone 21, Zone 22	Class I, Div.1, Group A, B, C, D Class II, Div.1, Group E, F, G Class III
Material	Glass Reinforced Plastic, black		
Switch Function	On-off / Changeover		
Rated Voltage	Max.250V AC		
Rated Current	10A / 16A		
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
Terminal blocks	9~16mm ²

Catalogue Numbering System



Mounting Options & Dimensions (mm/inch)

