



## 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

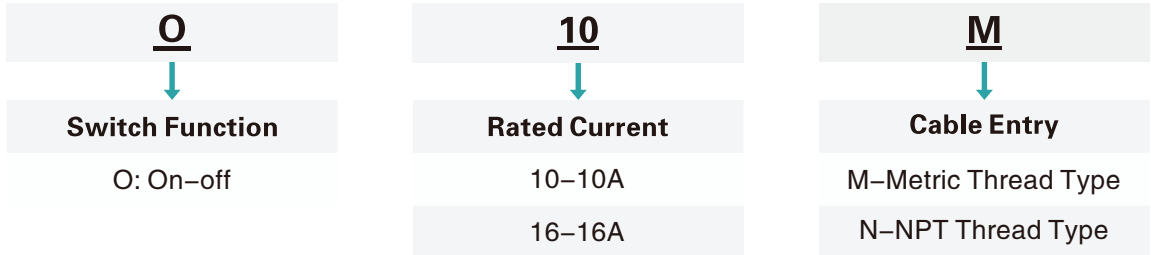
### Technical Datasheet

|                            | IEC Standard  | EU Standard  | NEC & CEC Standard  |
|----------------------------|---|--|---|
| <b>Compliances</b>         | IEC60079-0, IEC60079-1, IEC60079-31<br>Ex d IIC T6 Gb<br>Ex tb IIIC T80°C Db IP66<br>Zone 1, Zone 2<br>Zone 21, Zone 22 | EN60079-0, EN60079-1, EN60079-31<br>⚠ II 2 G Ex d IIC T6 Gb<br>⚠ II 2 D Ex tb IIIC T80°C Db IP66<br>Zone 1, Zone 2<br>Zone 21, Zone 22 | Class I, Div.1, Group A, B, C, D<br>Class II, Div.1, Group E, F, G<br>Class III |
| <b>Material</b>            | Copper-free aluminium, grey   |  |   |
| <b>Switch Function</b>     | On-off / Changeover   |  |   |
| <b>Rated Voltage</b>       | Max.250V AC   |  |   |
| <b>Rated Current</b>       | 10A / 16A   |  |   |
| <b>IP Grade</b>            | Wet Locations, Type 4X, IP66  |  |   |
| <b>Ambient Temperature</b> | -20°C~ +55°C / -4° F ~ +131° F  |  |   |

|                        |  |
|------------------------|--|
| <b>Cable Entry</b>     | Metric or NPT thread type plugs (standard) or cable glands |
| <b>Terminal blocks</b> | 9~16mm <sup>2</sup>  |

### Catalogue Numbering System

SW-P-



### Mounting Options & Dimensions (mm/inch)

