



### SW-A Series Explosion Proof Lighting Switch

Class I Division 1, 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 IIC T6 Gb	Max.25A
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.
- Function: From the filed bus cable to feeder cable, a large number and kinds of resistor and control units will be put among the electrical circuit, explosion proof junction is to connect one end of cable with another end in an enclosed housing for well-organized branch wiring.

#### Features

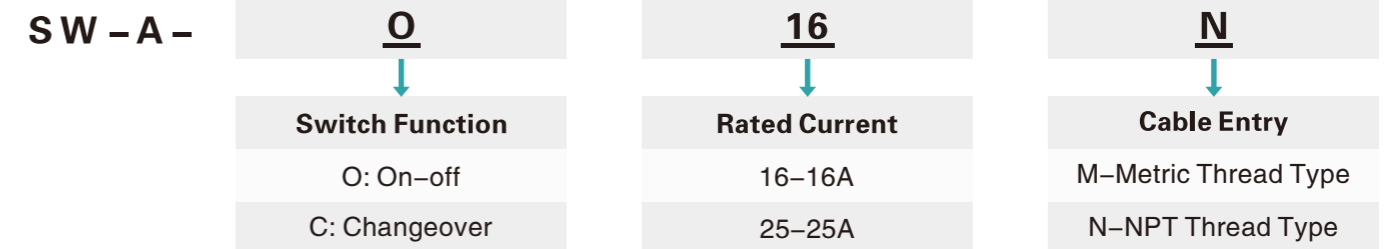
- As a common used explosion proof switch, SW-A series explosion proof light switch is protected by flame proof aluminum housing to turn on and off the explosion proof lighting. Designed with on and off position for easy handling, this flame proof on and off switch directly connect and disconnect one or certain numbers of explosion proof lighting in planned areas with electrical power to realizing the illumination when necessary. Hazard class division can be class 1 div 1, zone 1 in hazardous location.
  - Tailor-made built-in terminal blocks for enhanced safety and convenient cable connection
  - Flexible On-off operation handle on the cover for quick shut-down feature
  - Notched mounting feet for adjustable mounting space with bolts

#### 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	16A / 25A		
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 gland
Terminal blocks	3x(2.5~4)mm <sup>2</sup>

#### Catalogue Numbering System



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

