



A QUALITY PRODUCT

# SMN Snap Switches

EXPLOSIONPROOF

For UL.60079-1 Standard Class I,II Div.1 and 2 Groups C,D,E,F and G

For IEC.60079-0/1 Standard Zone 1 and Zone 2

## Technical data

Type of Protection: Ex d IIA T6  
 Conforming to : Standards IEC 60079-0 /1 or UL 60079-1  
 Marking for test : Ex II2G  
 Degree of Protection : IP66 acc.To IEC 60529  
 Ambient Temp. (Ta) : -20 °C to+ 55 °C  
 Rated Voltage : 220-240V.AC. 50/60Hz.  
 Electrical rating range : 5- 30A. 2 Poles  
 Type :SMN  
 Protection class for UL. : Class I, Division1 or 2 Group.C,D  
 Class II, Division 1 or 2 Groups.E,F,G  
 Class III  
 Protection class for IEC : Zone1and Zone 2



ISO9001:2008

## Descriptions:

The SMN snap switches are designed for use in hazardous areas due to the presence of flammable gases or vapors,combustible dusts or ignitable fibers. to prevent arcing of enclosed switches during connect and disconnect operation in a specific hazardous atmospheres. for disconnecting means of small AC or DC appliances or lihgting circuits. for indoor or outdoor in damp, wet or corrosive locations.

## Standard Materials:

- Body, cover and operating handle - Copper-free aluminium
- Bolts and mechanism - Stainless steel

## Standard Finishes:

- Copper-free aluminium - Epoxy-polyester powder
- Stainless steel - Natural

## Features:

- Compact rectangular shape enclosure.
- Two mounting lugs.
- Dead-end or through-feed conduit hub.
- Two mounting lugs.
- Safety breaker switch for automatically shut down the circuit in the event of an overcurrent or short circuit current.
- Switch can be locked in "ON" or "OFF" position.
- Single gang , two gang or three gangs on request.

## Catalogue Numbers :



| Rating (Amps),<br>2-Poles | Dead - end         |           | Through - feed     |              |
|---------------------------|--------------------|-----------|--------------------|--------------|
|                           | Hub Size NPT(inch) |           | Hub Size NPT(inch) |              |
|                           | 1/2"               | 3/4"      | 1/2"               | 3/4"         |
| <b>Single Gang</b>        |                    |           |                    |              |
| 5                         | SMN11-205          | SMN12-205 | SMN11H - 205       | SMN12H - 205 |
| 10                        | SMN11-210          | SMN12-210 | SMN11H - 210       | SMN12H - 210 |
| 15                        | SMN11-215          | SMN12-215 | SMN11H - 215       | SMN12H - 215 |
| 20                        | SMN11-220          | SMN12-220 | SMN11H - 220       | SMN12H - 220 |
| 30                        | SMN11-230          | SMN12-230 | SMN11H - 230       | SMN12H - 230 |
| <b>Two Gangs</b>          |                    |           |                    |              |
| 5                         | SMN21-205          | SMN22-205 | SMN21H - 205       | SMN22H - 205 |
| 10                        | SMN21-210          | SMN22-210 | SMN21H - 210       | SMN22H - 210 |
| 15                        | SMN21-215          | SMN22-215 | SMN21H - 215       | SMN22H - 215 |
| 20                        | SMN21-220          | SMN22-220 | SMN21H - 220       | SMN22H - 220 |
| 30                        | SMN21-230          | SMN22-230 | SMN21H - 230       | SMN22H - 230 |
| <b>Three Gangs</b>        |                    |           |                    |              |
|                           | Hub Size NPT(inch) |           | Hub Size NPT(inch) |              |
|                           | 1"                 |           | 1"                 |              |
| 10                        | SMN33-210          |           | SMN33H - 210       |              |
| 15                        | SMN33-215          |           | SMN33H - 215       |              |
| 20                        | SMN33-220          |           | SMN33H - 220       |              |
| 30                        | SMN33-230          |           | SMN33H - 230       |              |

**Note:** The snap switch two gangs and three gangs for dead-end shall be supply stopping plug for closing threaded conduit hubs of the explosionproof enclosure.



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**Dimensions in MM.**

