



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



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), 2-Poles	Dead - end Hub Size NPT(inch)		Through - feed Hub Size NPT(inch)	
	1/2"	3/4"	1/2"	3/4"
Single Gang				
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
Two Gangs				
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
Three Gangs				
	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.

