

Application

The SMN snap switches are designed for use in :

- hazardous locations due to the presence of flammable gasses or vapors.
- 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 lighting circuits.

Technical data:

Explosion Protection	: Ex d IIB T6
Conforming to	: Standards IEC 60079-1 or UL 60079-1
Marking for test	: Ex II2G
Degree of Protection	: IP54 / 65 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
Protection class for UL	: Class I, Division 1or 2 Group. C,D Class II, Division 1 or 2 Groups. E,F,G Class III
Protection class for IEC	: Zone1 , 21 and Zone 2 , 22

Specification:

Body material	: Marine grade copper-free aluminum alloy with epoxy-polyester powder coated , RAL7032(GREY)
Bolts	: Stainless steel

Catalogue Numbers and Dimension:

Rating (Amps)	Dead - end		Through - feed	
	Hub Size NPT (inch)		Hub Size NPT (inch)	
2-Poles	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	

Single Gang



Through-feed

Dead-end

Two Gangs

Three Gangs

