

Application

The ESN snap switches are designed:

- To provide a means of disconnecting small AC or DC appliances or lighting circuits.
- To prevent arcing of enclosed switches during connection and disconnection operations in Zone 1, 2, and Zone 22 hazardous areas.

Specification

Body, cover : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (Grey)

Bolts : Stainless steel, SS 304

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	22
Equipment Group/Category	II 2G	II 3D
Symbol of Protection	Ex db IIB T6/T5 Gb	Ex tc IIIB T85°C/ T100°C Dc
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31	
Ambient Temperature	-20°C to +55°C	
Index of Protection	IP54	
Entry Threads	1/2" NPT, 3/4" NPT or 1" NPT	
Mounting	Wall mount	

Catalogue Number Logic

ESN					
Series	Gang	Ampere	Entry threads		
1	Single gang	210	10 A, 2 poles	Dead-end: Top	Dead-end: Bottom
2	Two gang	215	15 A, 2 poles	TN1	BN1
		220	20 A, 2 poles	TN2	BN2
		230	30 A, 2 poles	TN3	BN3
				Through-feed	
				CN1	CN2
				CN2	CN3
				CN3	CN1

Single gang



Two gang

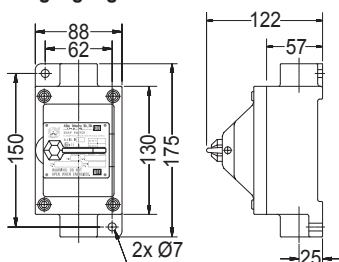


Ordering Requirements

Ampere rating (2 poles)	Entry threads	Cat. No.			Volume (cm³)	Approx. weight (kg)
		Dead-end entry at Top	Dead-end entry at Bottom	Through-feed entry at Top and Bottom		
Single gang						
10 A	1/2" NPT	ESN1-210- TN1	ESN1-210- BN1	ESN1-210-CN1	510	1.55
	3/4" NPT	ESN1-210- TN2	ESN1-210- BN2	ESN1-210-CN2		
15 A	1/2" NPT	ESN1-215- TN1	ESN1-215- BN1	ESN1-215-CN1		
	3/4" NPT	ESN1-215- TN2	ESN1-215- BN2	ESN1-215-CN2		
20 A	1/2" NPT	ESN1-220- TN1	ESN1-220- BN1	ESN1-220-CN1		
	3/4" NPT	ESN1-220- TN2	ESN1-220- BN2	ESN1-220-CN2		
30 A	1/2" NPT	ESN1-230- TN1	ESN1-230- BN1	ESN1-230-CN1		
	3/4" NPT	ESN1-230- TN2	ESN1-230- BN2	ESN1-230-CN2		
Two gang						
10 A	3/4" NPT	–	–	ESN2-210-CN2	1,030	2.65
	1" NPT	ESN2-210- TN3	ESN2-210- BN3	ESN2-210-CN3		
15 A	3/4" NPT	–	–	ESN2-215-CN2		
	1" NPT	ESN2-215- TN3	ESN2-215- BN3	ESN2-215-CN3		
20 A	3/4" NPT	–	–	ESN2-220-CN2		
	1" NPT	ESN2-220- TN3	ESN2-220- BN3	ESN2-220-CN3		
30 A	1" NPT	–	–	ESN2-230-CN3		

Dimensions (in mm)

Single gang



Two gang

