



## Application

The ESN snap switches are designed

- for disconnecting means of small AC or DC appliances or lighting circuits.
- to prevent arcing of enclosed switches during connect and disconnect operation in zone 1, 2 and zone 21, 22 hazardous areas.

## Specification

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

Bolts : Stainless steel, SUS 304

## Technical Data

<b>Hazardous Area</b>	<b>Gas</b>	<b>Dust</b>
<b>Zones</b>	<b>1 &amp; 2</b>	<b>22</b>
<b>Equipment Group/Category</b>	<b>II 2G</b>	<b>II 3D</b>
<b>Symbol of Protection</b>	<b>Ex db IIB T6/T5 Gb</b>	<b>Ex tc IIIB T85°C/ T100°C Dc IP54</b>
<b>Conformity to Standards</b>	EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014	
<b>Ambient Temperature</b>	-20°C to +55°C	
<b>Index of Protection</b>	IP54	
<b>Entries</b>	Ø1/2", Ø3/4" NPT or Ø1" NPT	
<b>Mounting</b>	Wall mount	

## Catalogue Number Logic

<b>ESN</b>	■	■ ■ ■	■ ■ ■
<b>Series</b>	<b>Gang</b>	<b>Ampere</b>	<b>Entries</b>
1	Single gang	210 10A. 2-poles	<b>Dead-end (Top)</b> <b>Dead-end (Bottom)</b> <b>Through-feed</b>
2	Two gangs	215 15A. 2-poles	TN1 Ø1/2" NPT BN1 Ø1/2" NPT CN1 Ø1/2" NPT
		220 20A. 2-poles	TN2 Ø3/4" NPT BN2 Ø3/4" NPT CN2 Ø3/4" NPT
		230 30A. 2-poles	TN3 Ø1" NPT BN3 Ø1" NPT CN3 Ø1" NPT

Single gang



Two gangs

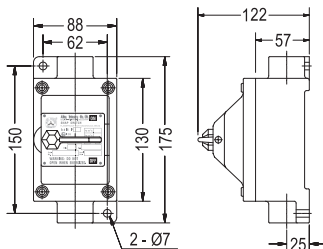


## Ordering Requirements

Ampere Rating (2-Poles)	Entries	Cat. No.			Volume (dm <sup>3</sup> )	Approx. Weight (kgs.)
		Dead-end (Top)	Dead-end (Bottom)	Through-feed		
<b>Single Gang</b>						
10A.	Ø1/2" NPT	ESN1-210- TN1	ESN1-210- BN1	ESN1-210-CN1	0.51	1.55
	Ø3/4" NPT	ESN1-210- TN2	ESN1-210- BN2	ESN1-210-CN2		
15A.	Ø1/2" NPT	ESN1-215- TN1	ESN1-215- BN1	ESN1-215-CN1		
	Ø3/4" NPT	ESN1-215- TN2	ESN1-215- BN2	ESN1-215-CN2		
20A.	Ø1/2" NPT	ESN1-220- TN1	ESN1-220- BN1	ESN1-220-CN1		
	Ø3/4" NPT	ESN1-220- TN2	ESN1-220- BN2	ESN1-220-CN2		
30A.	Ø1/2" NPT	ESN1-230- TN1	ESN1-230- BN1	ESN1-230-CN1		
	Ø3/4" NPT	ESN1-230- TN2	ESN1-230- BN2	ESN1-230-CN2		
<b>Two Gang</b>						
10A.	Ø3/4" NPT	-	-	ESN2-210-CN2	1.03	2.65
	Ø1" NPT	ESN2-210- TN3	ESN2-210- BN3	ESN2-210-CN3		
15A.	Ø3/4" NPT	-	-	ESN2-215-CN2		
	Ø1" NPT	ESN2-215- TN3	ESN2-215- BN3	ESN2-215-CN3		
20A.	Ø3/4" NPT	-	-	ESN2-220-CN2		
	Ø1" NPT	ESN2-220- TN3	ESN2-220- BN3	ESN2-220-CN3		
30A.	Ø1" NPT	-	-	ESN2-230-CN3		

## Dimension

### Single gang



### Two gang

