

Switches and Plugs: Snap Switches, DCR3-CB Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The DCR3-CB 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 21, 22 hazardous areas.

Specification

Body, cover : Marine grade copper-free aluminium alloy with polyester powder coated, RAL 7032 (Grey)
(optional offshore painting- acrylic polyurethane coating)

Bolts : Stainless steel, SS 304
(optional upgrade to SS 316)

Sealing (O-ring) : Silicone

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	Ex II 2G	Ex II 2D
Symbol of Protection	Ex db IIC T6/T5 Gb	Ex tb IIC T85°C/ T100°C Db
Certificate	KDB 23 ATEX 0031X IECEx KDB 23.0008X	
Conformity to Standards	EN IEC 60079-0, EN 60079-1, EN IEC 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-31	
Ambient Temperature	-40°C to +65°C	
Index of Protection	IP66	
Entry Threads	NPT or Metric threads	
Mounting	Wall mount	
Ground	M5 External ground point	

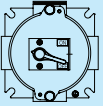
Catalogue Number Logic

DCR	3	-	CB	2	-	-	-	-
Series	Size	Type	Poles	Ampere	Entry position	Entry threads		
3	Size 3	CB Circuit breaker	2 2 poles	10 10 A 15 15 A 20 20 A 30 30 A	T Top B Bottom C Top and bottom L 2-way angle left R 2-way angle right X 4-way	N1 1/2" NPT N2 3/4" NPT N3 1" NPT	M1 M20x1.5 M2 M25x1.5 M3 M32x1.5	

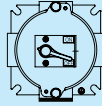


Ordering Requirements

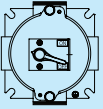
Ampere rating	Cat. No. (Entry threads: Top)	Volume (cm³)	Approx. weight (kg)
10 A	DCR3-CB210- T ☐	740	1.50
15 A	DCR3-CB215- T ☐		
20 A	DCR3-CB220- T ☐		
30 A	DCR3-CB230- T ☐		



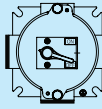
Ampere rating	Cat. No. (Entry threads: Bottom)	Volume (cm³)	Approx. weight (kg)
10 A	DCR3-CB210- B ☐	740	1.50
15 A	DCR3-CB215- B ☐		
20 A	DCR3-CB220- B ☐		
30 A	DCR3-CB230- B ☐		



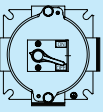
Ampere rating	Cat. No. (Entry threads: Top & Bottom)	Volume (cm³)	Approx. weight (kg)
10 A	DCR3-CB210- C ☐	740	1.50
15 A	DCR3-CB215- C ☐		
20 A	DCR3-CB220- C ☐		
30 A	DCR3-CB230- C ☐		



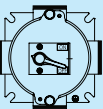
Ampere rating	Cat. No. (Entry threads: 2-way angle left)	Volume (cm³)	Approx. weight (kg)
10 A	DCR3-CB210- L ☐	740	1.50
15 A	DCR3-CB215- L ☐		
20 A	DCR3-CB220- L ☐		
30 A	DCR3-CB230- L ☐		



Ampere rating	Cat. No. (Entry threads: 2-way angle right)	Volume (cm³)	Approx. weight (kg)
10 A	DCR3-CB210- R ☐	740	1.50
15 A	DCR3-CB215- R ☐		
20 A	DCR3-CB220- R ☐		
30 A	DCR3-CB230- R ☐		



Ampere rating	Cat. No. (Entry threads: 4-Way)	Volume (cm³)	Approx. weight (kg)
10 A	DCR3-CB210- X ☐	740	1.50
15 A	DCR3-CB215- X ☐		
20 A	DCR3-CB220- X ☐		
30 A	DCR3-CB230- X ☐		



Dimensions (in mm)

