

Switches and Plugs: Snap Switches, DCR3-CB Series

Flameproof and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Application

The DCR3 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)
(optional offshore painting- acrylic polyurethane coating)

Bolts : Stainless steel, SUS 304
(optional SUS 316)

Sealing (O-ring) : Silicone

Technical Data

Hazardous Area Zones	Gas	Dust
	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 No.	KDB 23 ATEX 0031X IECEx KDB 23.0008X	
Conformity to Standards	EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-31:2014 IEC 60079-0:2017, IEC 60079-1:2014, IEC 60079-31:2013	
Ambient Temperature	-40°C to +65°C	
Index of Protection	IP66	
Entries	NPT or Metric threads	
Mounting	Wall mount	
Ground	M5 External ground point	

Catalogue Number Logic

DCR 3 - CB 2 ■■ - ■ □□

Series	Size	Type	Poles	Ampere	Position	Entries
3	Size 3	CB Circuit Breaker	2 2-Poles	10 10A. 15 15A. 20 20A. 30 30A.	T Top entries B Bottom entries C Top & Bottom entries L 2-ways angle left R 2-ways angle right X 4-ways	N1 1/2" NPT M1 M20x1.5 N2 3/4" NPT M2 M25x1.5 N3 1" NPT M3 M32x1.5

Ordering Requirements

Ampere Rating	Cat. No. (Top Entries)	Volume (cm³)	Approx. Weight (kgs.)
10A.	DCR3-CB210- T □□	740	1.50
15A.	DCR3-CB215- T □□		
20A.	DCR3-CB220- T □□		
30A.	DCR3-CB230- T □□		

Ampere Rating	Cat. No. (Bottom Entries)	Volume (cm³)	Approx. Weight (kgs.)
10A.	DCR3-CB210- B □□	740	1.50
15A.	DCR3-CB215- B □□		
20A.	DCR3-CB220- B □□		
30A.	DCR3-CB230- B □□		

Ampere Rating	Cat. No. (Top & Bottom Entries)	Volume (cm³)	Approx. Weight (kgs.)
10A.	DCR3-CB210- C □□	740	1.50
15A.	DCR3-CB215- C □□		
20A.	DCR3-CB220- C □□		
30A.	DCR3-CB230- C □□		

Ampere Rating	Cat. No. (2-ways Angle Left)	Volume (cm³)	Approx. Weight (kgs.)
10A.	DCR3-CB210- L □□	740	1.50
15A.	DCR3-CB215- L □□		
20A.	DCR3-CB220- L □□		
30A.	DCR3-CB230- L □□		

Ampere Rating	Cat. No. (2-ways Angle Right)	Volume (cm³)	Approx. Weight (kgs.)
10A.	DCR3-CB210- R □□	740	1.50
15A.	DCR3-CB215- R □□		
20A.	DCR3-CB220- R □□		
30A.	DCR3-CB230- R □□		

Ampere Rating	Cat. No. (4-Ways)	Volume (cm³)	Approx. Weight (kgs.)
10A.	DCR3-CB210- X □□	740	1.50
15A.	DCR3-CB215- X □□		
20A.	DCR3-CB220- X □□		
30A.	DCR3-CB230- X □□		

Dimension

