

CDB9Z DC Miniature Circuit Breaker



CDB9Z DC miniature circuit breakers combine the following functions:

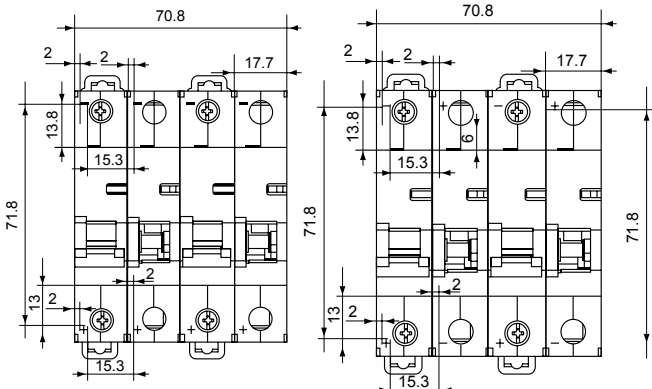
- Protection of circuits against overload current;
- Protection of circuits against short-circuit currents;
- Control and isolation;

Product name	Voltage type	Frame size	Number of poles	Trip type	Rated current
CDB9Z	H	63	1	B	16
	Default: 1P:125V; 2P:250V H: 1P:250V; 2P:500V	63A	1: 1P 2: 2P 4: 4P	B: B type C: C type	1: 1A 20:20A 2: 2A 25:25A 4: 4A 32:32A 6: 6A 40:40A 10:10A 50:50A 16:16A 63:63A

Voltage type (1P/2P)	Trip type	Rated current	Number of poles		Voltage type (1P/2P/4P)	Trip type	Rated current	Number of poles		
			1P	2P				1P	2P	4P
H	B	1	CDB9ZH631B1	CDB9ZH632B1	Default	B	1	CDB9Z631B1	CDB9Z632B1	CDB9Z634B1
		2	CDB9ZH631B2	CDB9ZH632B2			2	CDB9Z631B2	CDB9Z632B2	CDB9Z634B2
		4	CDB9ZH631B4	CDB9ZH632B4			4	CDB9Z631B4	CDB9Z632B4	CDB9Z634B4
		6	CDB9ZH631B6	CDB9ZH632B6			6	CDB9Z631B6	CDB9Z632B6	CDB9Z634B6
		10	CDB9ZH631B10	CDB9ZH632B10			10	CDB9Z631B10	CDB9Z632B10	CDB9Z634B10
		16	CDB9ZH631B16	CDB9ZH632B16			16	CDB9Z631B16	CDB9Z632B16	CDB9Z634B16
		20	CDB9ZH631B20	CDB9ZH632B20			20	CDB9Z631B20	CDB9Z632B20	CDB9Z634B20
		25	CDB9ZH631B25	CDB9ZH632B25			25	CDB9Z631B25	CDB9Z632B25	CDB9Z634B25
		32	CDB9ZH631B32	CDB9ZH632B32			32	CDB9Z631B32	CDB9Z632B32	CDB9Z634B32
		40	CDB9ZH631B40	CDB9ZH632B40			40	CDB9Z631B40	CDB9Z632B40	CDB9Z634B40
		50	CDB9ZH631B50	CDB9ZH632B50			50	CDB9Z631B50	CDB9Z632B50	CDB9Z634B50
		63	CDB9ZH631B63	CDB9ZH632B63			63	CDB9Z631B63	CDB9Z632B63	CDB9Z634B63
	C	1	CDB9ZH631C1	CDB9ZH632C1		C	1	CDB9Z631C1	CDB9Z632C1	CDB9Z634C1
		2	CDB9ZH631C2	CDB9ZH632C2			2	CDB9Z631C2	CDB9Z632C2	CDB9Z634C2
		4	CDB9ZH631C4	CDB9ZH632C4			4	CDB9Z631C4	CDB9Z632C4	CDB9Z634C4
		6	CDB9ZH631C6	CDB9ZH632C6			6	CDB9Z631C6	CDB9Z632C6	CDB9Z634C6
		10	CDB9ZH631C10	CDB9ZH632C10			10	CDB9Z631C10	CDB9Z632C10	CDB9Z634C10
		16	CDB9ZH631C16	CDB9ZH632C16			16	CDB9Z631C16	CDB9Z632C16	CDB9Z634C16
		20	CDB9ZH631C20	CDB9ZH632C20			20	CDB9Z631C20	CDB9Z632C20	CDB9Z634C20
		25	CDB9ZH631C25	CDB9ZH632C25			25	CDB9Z631C25	CDB9Z632C25	CDB9Z634C25
		32	CDB9ZH631C32	CDB9ZH632C32			32	CDB9Z631C32	CDB9Z632C32	CDB9Z634C32
		40	CDB9ZH631C40	CDB9ZH632C40			40	CDB9Z631C40	CDB9Z632C40	CDB9Z634C40
		50	CDB9ZH631C50	CDB9ZH632C50			50	CDB9Z631C50	CDB9Z632C50	CDB9Z634C50
		63	CDB9ZH631C63	CDB9ZH632C63			63	CDB9Z631C63	CDB9Z632C63	CDB9Z634C63

CDB9Z DC Miniature Circuit Breaker

Technical Data

DC MCB	CDB9Z DC Circuit Breaker
General	
Standard	IEC60947-2/GB14048.2
Certificate	CCC CE CB Semko RoHS
Application	For final distribution in Industry, domestic building, power and basic facilities
	Mechanical Performance
Installation	Standard DIN rail
Line Load	
Connection	1~32A: up to 25mm ² 40~63A: up to 35mm ²
Terminals	Tunnel Terminal
Protection Degree	IP20
Rated Torque (Nm)	Up to 32A: 2.5 40-63A: 3.5
Locking Function	Locked at OFF Position
Tripping Indication (Indicator)	Yes
	Electrical Performance
	Overload Protection
	Short-circuit Protection
	Insulation
	Control
Poles	1P/2P/4P
Frame Size	63A
Rated Current	1,2,4,6,10,16,20,25,32,40,50,63A
Tripping Curve	I _t =5.5I _n ±20%, I _t =8.5I _n ±20%
Breaking Capacity	6kA, 10kA
Rated Working Voltage (U _e AC)	DC: 1P/2P 125V/250V (10KA) 1P/2P 250V/500V(6KA) 4P 1000V(6KA)

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Uimp	6kV
Quick Closing Tech	Yes
Acc	OF/SD/MX+OF
ME	20000 times (O-C)
EE	3000 times (O-C)
Using Environment	Working Temp: -30°C ~ 70°C
	Altitude: Lower than 2000m
	Tropicalization: treatment 2
Storage Temp.	-40°C to +85°C
Environment	
Pollution Degree	2

Accessories

