



WPB

DC MCCB with Enclosure for Battery Systems

- 2 Pole 500V DC Moulded Case Circuit Breaker
- Weatherproof IP65 for outdoor installation
- 2 breakers - Frame 1 (<160A) & Frame 2 (<250A)
- 1 enclosure for both frame sizes
- Adjustable 70% to 100% of rated current

Order Information

DC MCCB Battery Breaker

Poles	Frame	Rated current In	Overcurrent release Ir	Instant release Ii	Part no.	Model	Packing
2	1	80A	56-80A	800A	852894	Ex9MD1B TM 80 2P IEC	1/12
2	1	100A	70-100A	1000A	852895	Ex9MD1B TM 100 2P IEC	1/12
2	1	125A	87-125A	1250A	852896	Ex9MD1B TM 125 2P IEC	1/12
2	1	160A	112-160A	1600A	850906	Ex9MD1B TM 160 2P IEC	1/12
2	2	160A	112-160A	1120-1920A	852899	Ex9MD2B TM 160 2P IEC	1/8
2	2	180A	126-180A	900-1800A	852900	Ex9MD2B TM 180 2P IEC	1/8
2	2	200A	140-200A	1000-2000A	852901	Ex9MD2B TM 200 2P IEC	1/8
2	2	250A	175-250A	1250-2500A	852902	Ex9MD2B TM 250 2P IEC	1/8

Enclosure

Poles	Frame	Rated current In	Part no.	Model	Packing
2	1&2	250A	850771	WPB	1/8

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Specifications

	Ex9MD1	Ex9MD2
Frame size rated current I_{nm} (A)	160	250
Rated insulation voltage U_i (V)	1000	1000
Rated impulse withstand voltage U_{imp} (kV)	8	8
Rated operating voltage U_e (Vdc)	250/500	250/500
Breaking Capacity (kA)	25	25
Application category	A	A
Flashover distance (mm)	0	0
Operating ambient temperature	-40° C ~ 70° C	
Applicable standards	IEC/EN 60947-2	
Mechanical life (times)	15000	15000
Electrical life (times)	2000	1500
Pole number	2P	2P
Current rating (A)	80, 100, 125, 160	160, 180, 200, 250
Overload protection		
Current setting (A) $I_r = I_n \times$	0.7-0.8-0.9-1.0	
Precision	±20%	
Instantaneous short circuit protection		
Current setting (A) $I_{li} = I_n \times$	10	125~160A: 7-8-9-10-11-12
		180~250A: 5-6-7-8-9-10
Precision	±20%	

Dimensions

Ex9MD1 2P, Outline and installation dimensions

Ex9MD2 2P, Outline and installation dimensions

Unit (mm)

