

FACH®

PV DC MCCB

DC MOLDED CASE CIRCUIT BREAKER

FACH PV DC MCCB is designed for photovoltaic systems and DC power distribution, providing reliable protection, high breaking capacity and safe operation.



HIGH PROTECTION

Reliable protection for DC circuits



HIGH BREAKING CAPACITY

Up to 20kA breaking capacity for safe operation



WIDE APPLICATION

Suitable for solar PV systems and DC power distribution



COMPACT DESIGN

Compact size for easy installation



TECHNICAL SPECIFICATIONS

Product Name	PV DC MCCB
Model	BM1/2300
Rated Voltage (Ue)	1000V DC
Rated Insulation Voltage (Ui)	1000V
Impulse Withstand Voltage (Uimp)	8kV
Ultimate Breaking Capacity (Icu)	20kA
Rated Service Short Circuit Breaking Capacity (Ics)	75%Icu
Rated Current (In)	100 / 200 / 250 / 300 A
Poles	2P
Utilization Category	Cat A
Standard	GB/T14048.2 / IEC 60947-2
Ambient Temperature	-40°C ~ +40°C



APPLICATION

Ideal for use in:

- Solar PV power systems
- DC power distribution
- Energy storage systems
- DC electrical protection



PRODUCT FEATURES

- Beautiful appearance, compact size, and high breaking capacity.
- Non-polarity design for convenient installation and reverse connections.
- Operating temperature range: -40°C to +70°C (without derating at +60°C).
- Zero arc exposure: Equipped with an arc extinguishing cover and three layers of free metal partition plates.
- 1500V grounding breaking capacity of 10kA.
- Spraying during breaking prevents secondary faults.

PRODUCT VIEWS



AVAILABLE RATED CURRENTS



100A

BM1/2300



200A

BM1/2300



250A

BM1/2300



300A

BM1/2300



Reliable
Protection



High Breaking Capacity
Up to 20kA



Wide Temperature
-40°C ~ +40°C