

# DC Molded Case Circuit Breaker 80A to 250A

This DC MCCB is designed for direct current electrical systems. It protects against overcurrents and short circuits in photovoltaic systems and battery backup systems.



## ADDITIONAL IMAGES



## Product Overview



Constructed with PA66 flame retardant material for heat and chemical resistance.

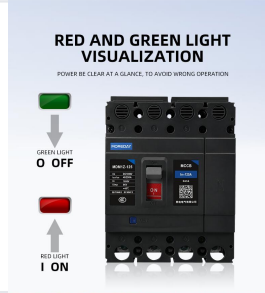
## High-Performance DC Protection

This DC Molded Case Circuit Breaker (MCCB) is engineered specifically for direct current electrical systems, including photovoltaic solar panel setups and battery backup installations. It provides robust protection against overcurrents and short circuits, significantly reducing the risk of electrical fires and system damage. With a durable, weather-resistant construction, it ensures consistent, reliable performance in demanding environments.

## Electrical Ratings

Rated Operating Voltage (Ue)	DC 1000V, DC 1200V, DC 1500V
Rated Insulation Voltage (Ui)	1500 V
Rated Impulse Withstand Voltage (Uimp)	12 kV

## Performance Metrics



Visual status indication system helps prevent operational errors.

### Ultimate Short-Circuit Breaking Capacity (Icu)

**10 kA**  
at 1000V

**16 kA**  
at 1200V

**20 kA**  
at 1500V

### Running Segmentation Capacity (Ics)

**7.5 kA**  
at 1000V

**12 kA**  
at 1200V

**15 kA**  
at 1500V

## Mechanical Specifications

### Number of Poles

2P • 3P

### Dimensions (W x H x D)

Configuration	Dimensions (mm)
2P	90 x 200 x 86
3P	135 x 200 x 86

### Trip Unit Type

Thermomagnetic (Fixed)

## Compliance

### Standards Compliance

IEC 60947-2, GB/T14048.2