

Remote Control Circuit Breaker Manual

This Remote Control Circuit Breaker works in 60V-290Vac 50/60Hz power systems. It works in virtually all power systems.

It works with Sigineer 120V or 240Vac inverter chargers.

It features overload, short circuit protection and remote on/off control via cables.

The two black and red cables allow the breaker to be opened when they are separated and closed when they get into contact.

The two cables accept control signal from Sigineer Power's DC Detector. The breaker will cut off AC input to the inverter when battery is fully charged and accept AC input again when the battery voltage drops to preset level.

Note: The two remote cables don't carry any voltage, don't input any power, or damage will occur.

Model #:CB240V100A/2P

Electrical Specs:

Rated voltage: 120/230Vac.

Voltage range: 60V-290Vac

Rated current: 100A

Surge current: 100A (1 min)

Breaking capacity: Ics 6000A

Lifespan: Mechanical 20000 times; Electrical 4000 times

Terminal size: accept up to 35mm² cables

Installation on 3.5*7.5mm standard rail

Operation temp: -5°C to +40°C (23 to 113°F)

Altitude: below 2000m

Operation Indication:

Constant green: breaker closed. / Flash green: breaker open.

Wiring Instruction:

For 120/230Vac single phase system, pls wire the hotline to "L" and the Neutral to "N".

For 120/240Vac split phase system, pls pls wire the hotline1 to "L" and the hotline2 to "N".

Contact us at info@sigineer.com if you have further questions.

