

HDB3W



Miniature Circuit Breaker

- **Standards:** GB/T 10963.1, IEC/EN 60898-1
- **Poles:** 1P, 1P+N, 2P, 3P, 3P+N, 4P
- **Rated Voltage:**
 - 1P, AC230/400V, AC240/415V
 - 1P+N, AC230/AC240V
 - 2P, 3P, 3P+N, 4P, AC400/AC415V
- **Rated Current:** 1~63A
- **Trip Curve:** B, C, D
- **Breaking Capacity:** 6kA, 10kA
- **Functions:** Fast closure technology, low arc discharge, and low fusion welding
- **Accessories:** OF/SD/OF+SD/MX+OF/OV/UV
- **Certification :** CCC, CE & RoHS (Optional)

CDYN



Surge Protection Device

- **Standards:** GB 18802.1, IEC 61643-11
- **Poles:** 1P/2P/3P/4P/1P+N/3P+N (Type I+II, Type II), 1P (Type III)
- **Category:** Type I, II, III
- **Type II Maximum Discharge Current:** 20~160kA
- **Type I Limp Inrush Current (10/350us):** 12.5kA/15kA/25kA
- **Maximum Discharge Current (8/20us):** 20/40/65/80/120/160kA
- **Type III Open Circuit Voltage:** 10kV
- **Max Continuous Voltage:** 275V/385V/440V (Type I+II, Type II); 320V (Type III)

CDRS1



Fuse

- **Standards:** IEC 60269-4 GB/T 1359.4
- **Certification:** CCC
- **Fuse Size:** CDRS1-1:48*48*25
 - CDRS1-2:59*59*32
 - CDRS1-3:67*67*38
- **Rated Voltage:** AC 400/690/800/1000V
- **Rated Current:** 10 ~ 630 A
- **Breaking Capacity:** 100 kA
- **Rated Dissipation Power:** ≤40 W
- **Operating Temperature Range:** -5°C ~ +40°C

SOLAR VSD



Solar Variable Speed Drive

- Built in MPPT
- Dual supply (AC & DC) capability
- Automatic start-run-stop throughout the day
- Easy to use
- Pump-specific protection
- **Range:** 0.4 KW-160 KW
- **Application:** Solar pump

About Us

We are determined to build a world where electricity is safe and accessible to one and all

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Solar Applications

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Centralized Photovoltaic



Stringtype Photovoltaic



Household Photovoltaic

Direct Current (DC) Products

Protection and isolation from solar panels to inverter

CDWNEGZ



Air Circuit Breaker

- **Standards:** GB/T14048.3
- **Poles:** 3P, 4P
- **Rated current:** 400~4000A
- **Rated voltage:**
 - Rated Impulse withstand Voltage: 12kV
 - Rated Operating Voltage: 750/1000/1500V
 - Rated Insulation Voltage:1600VDC
- **Voltage Type:** DC-21A, DC-22A, DC-23A, DC-PV2
- **Operating Temperature Range:** -40°C~ +70°C
- **Short-time Withstand Current:** 55-100kA
- **Complies with RoHS 2.0 specifications**
- **Product Lifespan:**
 - Mechanical Lifespan: 15000
 - Electrical Lifespan: 2000

CDMNEZ



Molded Case Circuit Breaker

- **Standards:** GB/T 14048.2, Fully in line with PV universal standard
- **Poles:** 4P
- **Rated voltage:** DC1500V
- **Rated impulse withstand voltage:**12kV
- **Voltage Type:** A
- **Rated current:** 250~630A
- **Rated short-circuit breaking capacity:** Icu=Ics=20kA
- **Operating temperature range:** -40°C~ +70°C
- **Product lifespan:**
 - Mechanical lifespan:10000
 - Electrical lifespan: 2000
 - Double insulation design; products are more reliable and safer

HDB9z



Miniature Circuit Breaker

- **Standards:** IEC60947-2
- **Poles:** 1P, 2P, 4P
- **Rated voltage:**
 - 1P: DC 125/250V
 - 2P: DC 250/500V
 - 4P: DC 1000V
- **Rated impulse withstand voltage:** 6kV
- **Rated current:** 1~63A
- **Trip Curve:** B, C, D
- **Breaking Capacity:** 6kA, 10kA
- **Operating temperature range:** -30°C ~ +70°C
- **Certification:** CE, CB, SEMKO & RoHS

CDYNEZ



Surge Protection Device

- **Standards:** GB 18802.31
- **Category:** Type II
- **Maximum Discharge Current:** 40kA
- **Nominal Discharge Current:** 20kA
- **Maximum Continuous Operating Voltage:** DC1500V
- **Voltage Protection Level:** 4.5kV
- **Remote Signaling Accessories:** Optional
- **Width:** 54mm
- **Certification:** CQC, CE, RoHS(Optional)

CDPV2-32(L)



Fuse

- **Standards:** GB/T 13539.6, GB/T 14048.3
- **Poles:** 1P
- **Rated Voltage:** DC1500V
- **Rated Impulse Withstand Voltage:** 8kV
- **Agreed Heating Current:** 20A, 32A
- **Rated Current (A):** 1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 25, 32A
- **Rated Breaking Capacity:** 33kA (1~20A), 20kA (25~32A)
- **Rated Dissipation Power:** ≤6W
- **Voltage Type:** DC-20B, DC-PV0
- **Operating Temperature Range:** -25°C~ +60°C

Alternating Current (AC) Products

Protection and isolation from inverter to power networks or user loads

CDW6i



Air Circuit Breaker

- **Standards:** GB/T14048.2 IEC/EN 60947-2
- **Poles:** 3P, 4P
- **Rated Voltage:** 220V-1150V
- **Rated current:** 630~4000A
- **Maximum breaking capacity:** 120kA
- **Protects from overload, undervoltage, short circuit, single-phase grounding and other faults,**
- **Operating Temperature Range:** -40°C~ +70°C
- **Product Lifespan:**
 - Mechanical Lifespan: 10000
 - Electrical Lifespan: 2000

CDMNE-250AF



Molded Case Circuit Breaker

- **Standards:** GB/T 14048.2, IEC/EN 60947-2
- **Poles:** 3P
- **Rated Voltage:** AC 690V/800V/1000V
- **Rated Impulse withstand Voltage:** 8kV
- **Voltage Type:** A
- **Rated Current:** 63~250A
- **Rated Short-circuit Breaking Capacity:** Icu=36.5kA,Ics=30kA
- **Arcing Distance:** ≤50mm
- **Operating Temperature Range:** -40°C~ +70°C
- **Product Lifespan:**
 - Mechanical Lifespan: 20000
 - Electrical Lifespan:1500

CDBNE-100GQF



PV Grid Connected MCB

- **Standards:** GB/T 10963.1, Q/GDW 1972-2013, IEC/EN 60898-1
- **Poles:** 2P, 4P
- **Rated Voltage:** AC 230/400V
- **Rated Current:** 6,10,16,20,25,32,40,50,63,80,100A
- **Rated Breaking Capacity:** 6kA
- **Trip Curve:** C
- **Over Voltage Scope:** 295±5V Relay 3s-5strip
- **Under Voltage Scope:** 161±5V Relay 3s-5strip
- **Voltage Loss:** 46±5V Relay 0s-1s Trip
- **Reclosing Time:** 7s~10s
- **Electrical Lifespan:** 4000
- **Functions:** Short Circuit, Overload Faults, OV/UV, Automatic Reclosing Lock