



LOW VOLTAGE ELECTRICAL PRODUCT GUIDE

- Terminal Electrical Products
- Power Distribution Products
- Industrial Control Products
- Photovoltaic Products



ZHEJIANG CHUANGQI ELECTRIC CO.,LTD.

🏠 Wenzhou Base
No. 18, Shahong Road, Beibaixiang Town, Yueqing City, Wenzhou, Zhejiang Province, China

🏠 Jiaxing Base
No. 61, Zhengyang West Road, Xiuzhou District, Jiaxing, Zhejiang Province, China

☎ 0577-27878806

✉ marketing@chac-en.com

🌐 www.chac-electric.com



LINKEDIN



WEBSITE

V2026.10-CHAC-MKT



COMPANY INTRODUCTION

Zhejiang Chuangqi Electric Co., Ltd. (CHAC Electric) is a leading enterprise specializing in low-voltage electrical products, integrating R&D, manufacturing, and marketing. Our main products have obtained CB, CE, and other certifications, and are widely exported to over 30 countries and regions, including the European Union, South America, Russia and other Commonwealth of Independent States countries, the Middle East, and Southeast Asia. For many consecutive years, CHAC Electric has ranked among the top exporters of low-voltage electrical products in Wenzhou, establishing itself as one of the industry leaders in the international sales of low-voltage electrical equipment in China.

Adhering to the core values of "Virtue, Integrity, and Lean Innovation," and through years of dedicated efforts, CHAC Electric has achieved outstanding performance and earned numerous honors, including "National High-Tech Enterprise," "National-level 'Green Factory,'" "AEO Advanced Certification Enterprise" by the General Administration of Customs, "Excellent Scenario of Intelligent Manufacturing" by the Ministry of Industry and Information Technology (MIIT), "National-Level Specialized, Sophisticated, Distinctive, and Innovative 'Little Giant' Enterprise," "National Patent-Intensive Product Certification," "Typical Innovation Achievement in National Advanced Manufacturing Clusters," "International Cooperation Case in Industrial Clusters" by MIIT, "Zhejiang Famous Trademark," "Zhejiang Export Famous Brand," "Zhejiang Specialized, Sophisticated, Distinctive, and Innovative SME," "Zhejiang Advanced-Level Smart Factory," "Zhejiang Service-Oriented Manufacturing Demonstration Enterprise," "Zhejiang Provincial Enterprise Technology Center," "Zhejiang Manufacturing Certification Enterprise," "Zhejiang Science and Technology-Based SME," "Zhejiang Ninth Batch of Big Data Application Demonstration Enterprise," "Zhejiang AAA-Level Contract and Credit Honoring Enterprise," "Zhejiang Pilot Enterprise for Implementation of National Data Management Standard (DCMM)."

In this new journey, CHAC Electric is committed to realizing its vision of becoming "an internationally leading lean intelligent manufacturing expert in low-voltage electrical products" and fulfilling its mission of "enabling safe electricity use to step into the smart era." With a focus on low-voltage electrical products and driven by innovation, the company is fully dedicated to enhancing its core competitiveness. It is progressively advancing its digital and intelligent transformation, promoting high-quality and sustainable development, and contributing to the growth of the regional economy and China's industrial electrical industry.

1995

Establishment Date

2

Digital Facility

60000+

Land Area (m²)



DEVELOPMENT HISTORY

2023

Zhejiang Chuangqi Electric Co.,Ltd.has completed its shareholding reformand prepare for IPO



2025

30th Anniversary of CHAC's Founding



2018

The Jiaxing Intelligent Manufacturing Base has been completed



2012

Luogelang Group Limited was established



2007

The Wenzhou Intelligen Manufacturing Base has been completed



1998

Wenzhou Luogelang Electrical Equipment Co.,Ltd. established

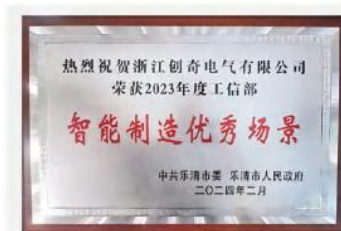


1995

Wenzhou Zhengli Electrical Appliance Co.,Ltd. was established in 1995 (the predecessor of the CHAC)



QUALITY REPUTATION



The products comply with international universal product certifications such as CE, and CB. The company has passed international management system certifications such as ISO9001, ISO14001, and OHSAS18001.

Zhejiang Chuangqi Electric Co., Ltd. possesses advanced research and manufacturing capabilities in the industry, persistently pioneering and self-regulating in the field of low-voltage electrical product manufacturing. From product testing to production certification, it has received comprehensive recognition from professional testing institutions and certification bodies, ultimately owning multiple core technologies, patents, and honors such as "Zhejiang Manufacturing Certification," "Zhejiang Famous Brand Product," and "Zhejiang Chuangqi High-tech Enterprise."

33

Invention Patent



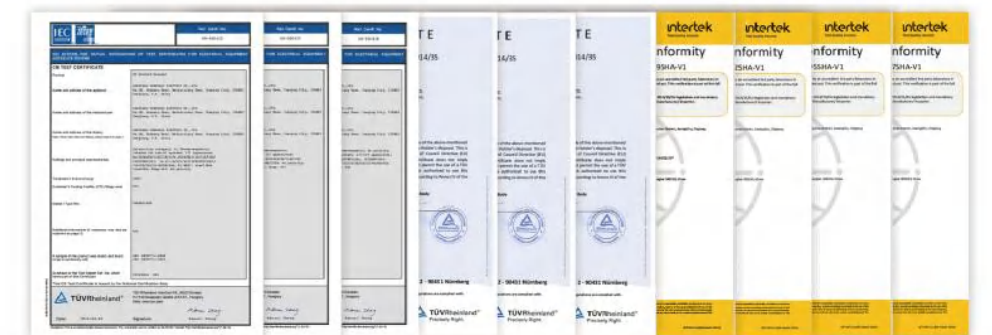
152

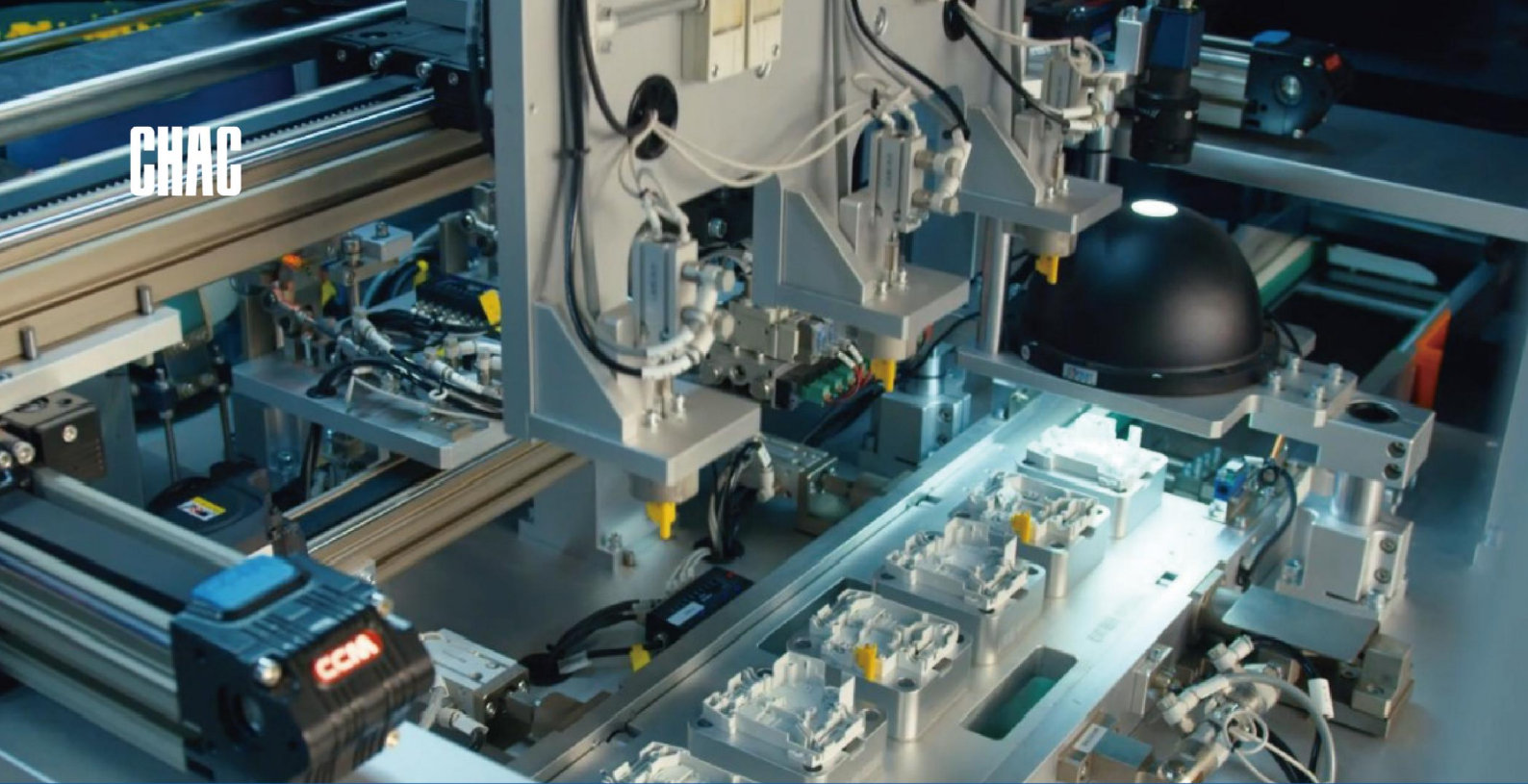
Utility Model Patent



100+

Product Certification





MANUFACTURING CAPACITY



90%

Of Manufacturing
Process Automated

85%

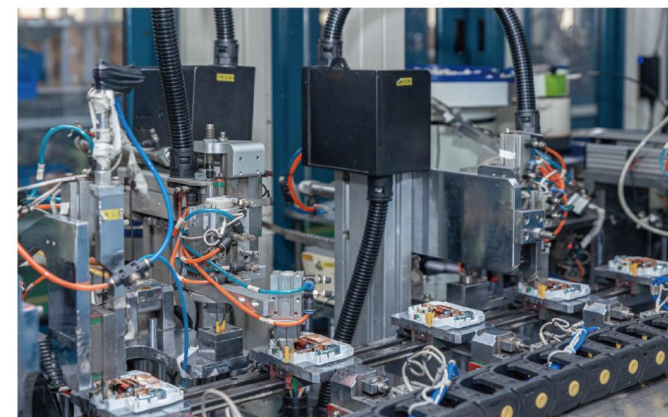
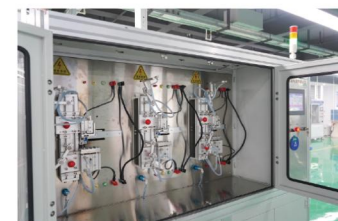
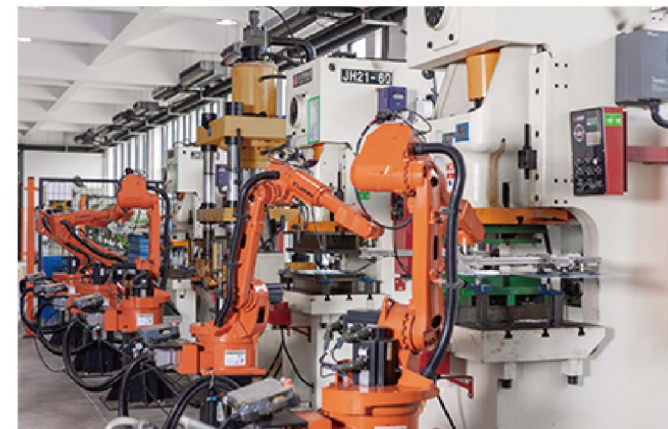
Of Production
Machinery Self-developed

98%

Parts self-produced

100M POLES

MCB Annual Production
Capacity



CHAC has a comprehensive low-voltage electrical product supply chain, covering everything from mold processing, metalworking, injection molding, precision machining to component processing, product assembly, testing, and packaging with fully automated production lines.



In addition, it has integrated SCADA automatic data collection system, KANBAN material kanban management system, WMA warehousing material management system, EMS energy management system, ANDON production abnormality management system, and QMS quality management system.

R&D & Quality Assurance Center

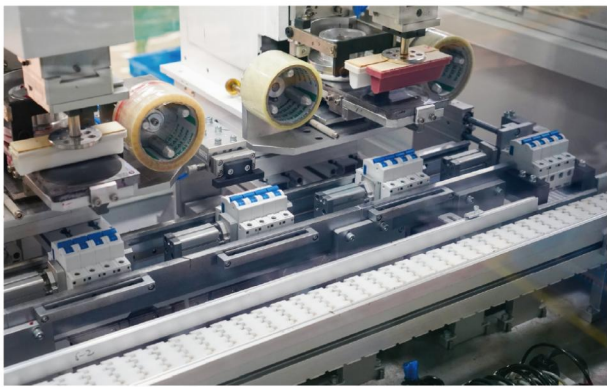
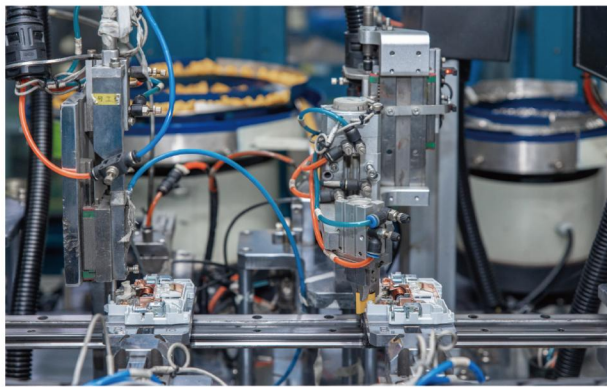
- Physical & Chemical Analysis Lab
- Magnetic & Non-Destructive Testing
- 3D Metrology & Precision Measurement



Key Performance Tests:
Electrical Life, Salt Spray (Corrosion Resistance), Solderability, etc.



Terminal Product Line Workshop



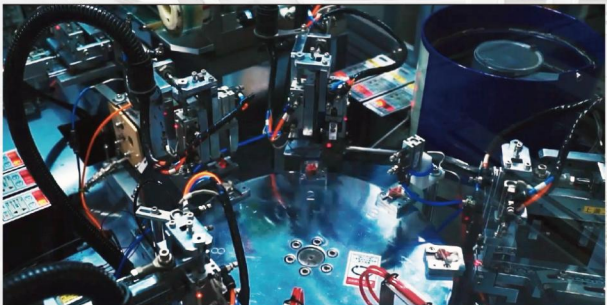
Automation Workshop



Injection Molding Workshop



Spot Welding Workshop



Mold Workshop



SMART PROTECTION FOR EVERY CIRCUIT

Reliable terminal electrical solutions
designed for safer, smarter and more
efficient power distribution.



TERMINAL ELECTRICAL
PRODUCTS

NEW PXB6 SERIES

Scan or Click
to Learn More



PXB6 Series

MCB: 4.5kA, 6kA, 10kA
RCBO: Type A, Type B, Type AC
RCCB: Type A, Type B
Isolator & Accessories

Miniature Circuit Breaker



PXB6-40

Rated Voltage:
230/240V AC

Rated Current(In):
6, 10, 16, 20, 25, 32, 40A

Breaking Capacity (Icn=Ics):
4500A

Number of Poles:
1P+N

Standard:
IEC60898-1, GB/T10963.1



PXB6-63

Rated Current(In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn=Ics):
6000A

Number of Poles:
1P, 2P, 3P, 4P

Standard:
IEC60898-1, GB/T10963.1



PXB6H-63

Rated Current(In):
0.5, 1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10,
13, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn=75%Ics):
10000A

Number of Poles:
1P+N, 2P, 3P, 3P+N, 4P

Standard:
IEC60898-1, GB/T10963.1



PXB6-125

Rated Current(In):
10, 16, 20, 25, 32, 40, 50, 63, 80,
100, 125A

Breaking Capacity:
10000A (Icn) / 7500A (Ics)

Number of Poles:
1P, 1P+N, 2P, 3P, 3P+N, 4P

Standard:
IEC60898-1, GB/T10963.1

DC Miniature Circuit Breaker

**PXB6DC-63M**

Rated Current(In):
0.5, 1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10, 13,
16, 20, 25, 32, 40, 50, 63A

Breaking Capacity:
10000A (Icu) / 7500A (Ics)

Rated Voltage:
1P: DC 125V 2P: DC 250V
3P: DC 375V 4P: DC 500V

Standard:
GB/T14048.2, IEC60947-2

**PXB6HDC-63**

Rated Current(In):
1, 1.6, 2, 2.5, 3, 4, 5, 6, 8, 10, 13, 16,
20, 25, 32, 40, 50, 63A

Breaking Capacity:
6000A (Ics)

Rated Voltage:
1P: DC250V 2P:DC500V

Standard:
IEC 60898-2、GB/T 10963.2

**PXB6DC-125M**

Rated Current(In):
63, 80, 100, 125A

Breaking Capacity:
10000A (Icu) / 7500A (Ics)

Rated Voltage:
1P: DC24V/48V/80V/110V/125V
2P: DC24V/48V/80V/110V/125V
160V/220V/250V

Standard:
GB/T14048.2, IEC60947-2

**PXB6HDC-125M**

Rated Current(In):
63, 80, 100, 125A

Breaking Capacity:
6000A (Icu) / 6000A (Ics)

Rated Voltage:
1P: DC250V 2P: DC500V
3P: DC750V 4P: DC1000V

Standard:
GB/T14048.2, IEC60947-2

Electromagnetic Residual Current Operated Circuit Breaker Without Integral Overcurrent Protection

**PXB6L-63**

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Residual Operating Current (IΔn):
30, 50, 100, 300mA

Residual Current Type:
AC, A

Breaking Capacity (Ics):
6,000A

Number of Poles:
1P+N, 3P+N, 2P, 4P

Standards:
IEC 61009-1, GB/T 16917.1

**PXB6L-63B**

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Residual Operating Current (IΔn):
30, 50, 100, 300mA

Residual Current Type:
B

Breaking Capacity (Ics):
6,000A

Number of Poles:
1P+N, 3P+N, 2P, 4P

Standards:
IEC 61009-1, GB/T 16917.1

Electronic Residual Current Operated Circuit Breaker With Integral Overcurrent Protection

**PXB6LE-63**

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Residual Operating Current (IΔn):
10, 30, 50, 100, 300mA

Residual Current Type:
AC, A

Breaking Capacity (Ics):
6,000A

Number of Poles:
1P+N, 3P+N, 2P, 4P

Standard:
IEC 61009-1

**PXB6LE-63B**

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Residual Operating Current (IΔn):
30, 50, 100, 300mA

Residual Current Type:
B

Breaking Capacity (Ics):
6,000A

Number of Poles:
1P+N, 3P+N, 2P, 4P

Standards:
IEC 61009-1, IEC 62423

Electromagnetic Residual Current Operated Circuit Breaker With Integral Overcurrent Protection

**PXL6-100**

Rated Current (In):
10, 16, 20, 25, 32, 40, 63, 80, 100A

Rated Residual Operating Current (IΔn):
10, 30, 100, 300mA

Residual Current Type:
AC, A

Rated Conditional Short-Circuit Current:
6,000A

Number of Poles:
1P+N, 3P, 3P+N

Standards:
IEC 61008-1, GB 16916.1

**PXL6-100B**

Rated Current (In):
10, 16, 20, 25, 32, 40, 63, 80, 100A

Rated Residual Operating Current (IΔn):
10, 30, 100, 300 mA

Residual Current Type:
B

Rated Conditional Short-Circuit Current:
6,000A

Number of Poles:
1P+N, 3P, 3P+N

Standards:
IEC 61008-1, GB 16916.1

Electronic Residual Current Operated Circuit Breaker With Integral Overcurrent Protection

**PXB6Ln-40**

Rated Voltage:
230/240V AC

Rated Current (In):
6, 10, 16, 20, 25, 32, 40A

Rated Residual Operating Current (IΔn):
10, 30, 100mA

Residual Current Type:
AC, A

Breaking Capacity (Icn = Ics):
6,000A

Standards:
IEC 61009-1, GB/T 16917.1

Isolator Switch



PXD6-125

Rated Operational Current (Ie):
32, 40, 50, 63, 80, 100, 125A

Rated Short-Time Withstand Current (Icw):
12Ie (t=1s)

Number of Poles:
1P, 2P, 3P, 4P

Standards:
IEC60947-3, GB/T 14048.3

Accessories



PXB6-OF

Auxiliary contact

Utilization Category:
AC-12: 3A / 415V AC;
6A / 240V AC

DC-12: 1A / 130V DC;
2A / 48V DC;
6A / 24V DC

Standards:
IEC 60947-1



PXB6-SD

Alarm contact

Utilization Category:
AC-12: 3A / 415V AC;
6A / 240V AC

DC-12: 1A / 130V DC;
2A / 48V DC;
6A / 24V DC

Standards:
IEC 60947-1



PXB6-MV / MN

Over/under-voltage release

Rated Operational Voltage (Us):
AC 240V 50/60Hz

Normal Operating Range:
180V - 260V

Trip Voltage: Over-voltage:
≥270±10V; Under-voltage: ≤170±10V

Standards:
IEC 60947-1



PXB6-MX

Shunt release

Rated Operational Voltage (Us):
AC 110V-415V 50/60Hz

Reliable Operating Range:
(70% to 110%) of Us

Standards:
IEC 60947-1

PXB9 Series

Miniature Circuit Breaker



PXB9-63

Rated Current (In):
6, 10, 13, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P, 2P, 3P, 4P

Standard:
EN/IEC 60898-1, GB/T 10963.1



PXB9N-32

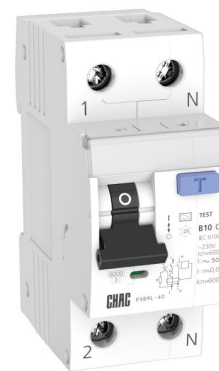
Rated Current (In):
6, 10, 13, 16, 20, 25, 32A

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P+N

Standard:
EN/IEC 60898-1, GB/T 10963.1

Residual Current Circuit Breaker



PXB9L-40

Rated Current (In):
6, 10, 13, 16, 20, 25, 32, 40A

Breaking Capacity (Icn=Ics):
6000 A

Residual Current Type:
AC, A

Number of Poles:
1P+N

Rated Residual Operating Current (IΔn):
30, 100, 300 mA

Standard:
EN/IEC 61009-1, GB/T 16917.1

Residual Current Operated Circuit-Breaker With Integral Overcurrent Protection



PXL9-63

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Limited Short-Circuit Current (Inc):
6000 A

Residual Current Type:
AC, A, B, S, G

Number of Poles:
2P, 4P

Rated Residual Operating Current (IΔn):
30, 100, 300 mA

Standard:
EN/IEC 61008-1, GB/T 16916.1

DC Miniature Circuit Breaker



CQB7DC-63

Rated Current (In):
6, 10, 13, 16, 20, 25, 32, 40, 50, 63A

Rated Voltage:
DC 1000 V

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P, 2P, 3P, 4P

Standard:
GB/T 14048.2



Miniature Circuit Breaker



PXB2-63

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn=Ics):
4500 A

Number of Poles:
1P, 2P, 3P, 4P

Standard:
IEC60898-1, GB/T10963.1

Miniature Circuit Breaker



CQB2-40

Rated Current (In):
10, 16, 20, 25, 32, 40A

Breaking Capacity (Icn):
4500 A

Number of Poles:
1P+N

Standard:
IEC 60898-1, GB/T 10963.1



CQB2-63

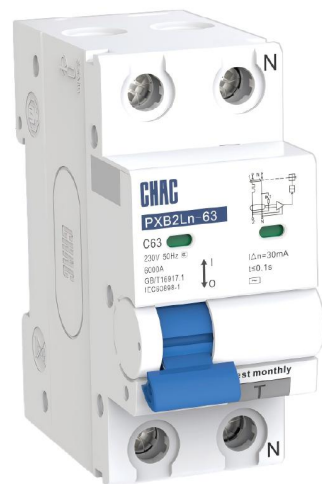
Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P, 1P+N, 2P, 3P, 3P+N, 4P

Standard:
IEC 60898-1, GB/T 10963.1

Residual Current Operated Circuit-Breaker With Integral Overcurrent Protection



PXB2Ln-63

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Residual Operating Current (IΔn):
30mA (Options: 30/50/100/300mA)

Residual Current Type:
AC, A

Breaking Capacity:
6000 A

Number of Poles:
1P+N

Standard:
IEC/EN 61009-1



CQB2H-63

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn):
10000 A

Number of Poles:
1P, 2P, 3P, 4P

Standard:
IEC 60898-1, GB/T 10963.1



CQB2-125

Rated Current (In):
63, 80, 100, 125A

Breaking Capacity:
10000 A(Icu) / 7500 A(Ics)

Number of Poles:
1P, 2P, 3P, 4P

Standard:
IEC 60947-2, GB/T 14048.2

Residual Current Operated Circuit-Breaker With Integral Overcurrent Protection

**CQB2LE-40**

Rated Current (In):
6, 10, 16, 20, 25, 32, 40A

Breaking Capacity (Icu):
4500 A

Number of Poles:
1P+N

Rated Residual Operating Current (IΔn):
30 mA

Standard:
IEC 61009-1, GB/T 16917.1

**CQB2LE-63**

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
2P, 3P, 4P, 1P+N, 3P+N

Rated Residual Operating Current (IΔn):
30, 50, 100, 300 mA

Standard:
IEC 61009-1, GB/T 16917.1

**CQB2LE-125**

Rated Current (In):
63, 80, 100, 125A

Breaking Capacity (Icu):
10000 A, 6000 A (Lower type)

Number of Poles:
1P+N, 2P, 3P, 3P+N, 4P

Rated Residual Operating Current (IΔn):
30, 50, 75, 100, 300 mA

Standard:
IEC 60947-2, GB/T 14048.2

**CQB2HL-63**

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn):
10000 A

Number of Poles:
1P+N, 2P, 3P, 3P+N, 4P

Rated Residual Operating Current (IΔn):
30, 50, 75, 100, 300 mA

Standard:
IEC 61009-1, GB/T 16917.1

Isolator Switch

**CQD2-125**

Rated Operational Current (Ie):
32, 40, 50, 63, 80, 100, 125A

Rated Short-Time Withstand Current (Icw):
12 Ie (t=1 s)

Number of Poles:
1P, 2P, 3P, 4P

Standard:
IEC 60947-3, GB/T 14048.3

Accessories

**CQAF2**

Auxiliary Switch

Rated Operational Voltage:
AC 230V 50Hz / DC 110V

Rated Operational Current:
6A (AC-15), 1A (DC-13)

Standard:
GB/T 14048.5, IEC 60947-5-1

**CQAS2**

Alarm Switch

Rated Operational Voltage:
AC 230V 50Hz / DC 110V

Rated Operational Current:
6A (AC-15), 1A (DC-13)

Standard:
GB/T 14048.5, IEC 60947-5-1

**CQAM2**

Shunt Release

Rated Operational Voltage (Us):
AC 230V 50Hz

Reliable Operating Range:
160V - 260V

Standard:
GB/T 14048.5, IEC 60947-5-1

**CQAU2**

Over/Under-Voltage Release

Rated Operational Voltage (Us):
AC 230V 50Hz

Operating Range:
175V - 255V (Normal),
Trips at $\geq 265 \pm 10V$ or $\leq 165 \pm 10V$

Standard:
GB/T 14048.5, IEC 60947-5-1

**CQAX2**

Shunt Release + Auxiliary Switch

Rated Operational Voltage (Us):
AC 230V 50Hz

Reliable Operating Range:
160V - 260V

Standard:
GB/T 14048.5, IEC 60947-5-1



CQB3 Series



CQB3-63

Miniature Circuit Breaker

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P, 1P+N, 2P, 3P, 3P+N, 4P

Standard:
IEC60898-1, GB/T10963.1



CQB3LE-63

Residual Current Operated Circuit-Breaker
With Integral Overcurrent Protection

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Residual Operating Current (IΔn):
30, 50, 100, 300 mA

Residual Current Type:
AC

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P+N, 2P, 3P, 3P+N, 4P

Standard:
IEC 61009-1, GB/T 16917.1



CQB3Ln-63

Residual Current Operated Circuit-Breaker
With Integral Overcurrent Protection

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Residual Operating Current (IΔn):
30 mA

Residual Current Type:
AC, A

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P+N

Standard:
IEC/EN 61009-1



CQB3GQ-63

Auto-Reclosing Over/Under Voltage
Protector

Rated Voltage:
AC 230V

Rated Current (In):
40, 63, 80A

Protection Values:
Overvoltage: 270V±5V,
Undervoltage: 170V±5V

Auto-recovery Delay:
30s±10s

Standard:
JB/T12762



ExS-T1T2-AC

Surge Protective Device

Rated Voltage (Uc):
275V or 385V AC

Lightning Impulse Current (Iimp, 10/350μs):
7 kA

Voltage Protection Level (Up):
≤ 1.5 kV

Nominal Discharge Current (In, 8/20μs):
20 kA

Standard:
IEC 61643-11; GB 18802.1



FB2 Series



FB2-63

Rated Current (In):
10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P, 2P

Standard:
IEC 60898-1



FB2H-63

Rated Current (In):
10, 16, 20, 25, 32, 40, 50, 63A

Breaking Capacity (Icn):
7500 A (Ics: 7500 A, Icu: 10000 A)

Number of Poles:
1P, 2P

Standard:
IEC 60898-1



FB2L-63

Rated Current (In):
10, 16, 20, 25, 32, 40, 50A

Rated Residual Operating Current (IΔn):
30 mA

Residual Current Type:
AC

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
1P+N

Standard:
IEC 61009-1



FB2HL-63

Rated Current (In):
10, 16, 20, 25, 32, 40, 50, 63A

Rated Residual Operating Current (IΔn):
30 mA

Residual Current Type:
AC

Breaking Capacity (Icn):
7500 A (Ics: 7500 A, Icu: 10000 A)

Number of Poles:
1P+N, 2P

Standard:
IEC 61009-1



AFDD

Smart Circuit Breaker

CHAC

Arc Fault Detection Device with RCBO Protection

CQAD-40



Rated Current (In):
6, 10, 16, 20, 25, 32, 40A

Rated Voltage (Ue):
230V AC, 50Hz

Rated Residual Operating Current (IΔn):
30mA, Type A

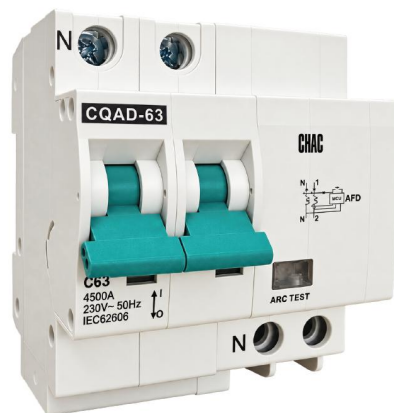
Breaking Capacity:
6000A

Number of Poles:
1P+N

Protection Functions:
Arc fault, overload, short circuit, earth leakage and overvoltage

Standards:
IEC/EN 62606, IEC/EN 61009-1

CQAD-63



Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63A

Rated Voltage (Ue):
AC 230/240V, 50Hz

Breaking Capacity (Icn):
4500A

Number of Poles:
2P

Standards / Approvals:
IEC/EN 62606, IEC 60898-1 / CQC

Smart Miniature Circuit Breaker

CQB7ZNM-80



Rated Current (In):
32, 40, 63, 80A

Rated Voltage:
230/240V AC

Breaking Capacity (Icn=Ics):
6000 A

Number of Poles:
2P+N

Standards:
IEC 61009-1, IEC 60898-1

CQB9ZN

Intelligent Gateway



Rated Voltage (Un):
AC220V

Communication Interface:
Upstream Ethernet/4G/WiFi;
Downstream 3×RS485 & ZigBee

Extended I/O:
2 Digital Input, 1 Digital Output

Mounting Standard:
TH35-7.5(1.0) DIN rail



CQB9ZN-125

Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63, 80,
100, 125A

Breaking Capacity(Icn=Ics):
6000A

Number of Poles:
1P, 2P, 3P, 4P

Standards:
GB/T10963.1, NB/T 42149

CQB72R-80

Auto-reclosing Circuit Breaker



Rated Current (In):
40, 63, 80A

Breaking Capacity(Icn=Ics):
6000 A

Number of Poles:
1P+N

Standard:
IEC60898-1, GB/T 10963-1

Smart RCBO (Residual Current Circuit Breaker with Overcurrent)

CQB9LZN-125



Rated Current (In):
6, 10, 16, 20, 25, 32, 40, 50, 63, 80,
100, 125A

Breaking Capacity(Icn=Ics):
6000A

Number of Poles:
1P+N, 2P, 3P+N, 4P

Standards:
GB/T 16917.1, CQC1149

WiFi Din Rail Switch

CQGQE



Core Function:
WiFi-enabled DIN rail switch for
remote control via Tuya Smart Life app.

Connection & Control:
Pairs via Bluetooth and Wi-Fi for
remote switching and device sharing.

Status Indicator:
LED indicator (steady blue=ON,
off=OFF, slow flashing=pairing mode).

Other Products



CHAC

PV Combiner Box Solutions



Electromagnetic Residual Current Operated Circuit Breaker

CQL14



Rated Current (In):
25A, 40A, 63A, 80A, 100A

Rated Residual Operating Current (I Δ n):
30mA, 100mA, 300mA

Residual Current Type:
AC, A

Number of Poles:
1P+N, 3P+N

Rated Conditional Short-Circuit Current:
6000A

Standards:
GB 16916.1, IEC 61008-1

Safety Breaker

CQB58



Rated Current (In):
10A, 15A, 20A, 30A, 40A

Rated Voltage:
230V AC

Rated Short-Time Current:
1.5kA

Number of Poles:
2P1E

Standards:
IEC/EN 60898-1

PV DC Combiner Box with DC Isolator



CQHS

Configurations:
1 input / 1 output, 2 inputs / 1 output,
3 inputs / 1 output, 2 inputs / 2 outputs,
4 inputs / 2 outputs, 6 inputs / 2 outputs

Models:
CQHS-1/1, CQHS-2/1, CQHS-3/1,
CQHS-2/2, CQHS-4/2, CQHS-6/2

Maximum System Voltage:
DC 1000V

Maximum Output Current:
32A

Enclosure:
PC; IP65; IK09

Installation:
Wall mounting

Standards:
IEC/EN 60947-3

Over/Under Voltage & Over-Current Auto-Reclosing Protector

CQGQA-63



Rated Operational Current (Ie):
Adjustable, 1-100A

Rated Operational Voltage:
AC 220V

Number of Poles:
1P+N, 3P+N

Intelligent Self-recovering Over/Under Voltage Protector

CQGQS-63



Rated Current:
63A

Rated Voltage:
220V AC

Smart Features:
WiFi remote control, real-time
LCD display for voltage, current,
and energy

PV DC Combiner Box with DC Circuit Breaker



CQHD

Configurations:
1 input / 1 output, 2 inputs / 1 output,
3 inputs / 1 output, 2 inputs / 2 outputs,
4 inputs / 2 outputs, 6 inputs / 2 outputs

Maximum System Voltage:
DC 500V / 1000V, depending on model

DC Breaker Rated Current:
16A, 32A or 45A, depending on model

Maximum Output Current:
32A or 63A, depending on model

Enclosure:
PC; IP65; IK09

Installation:
Wall mounting

Standards:
IEC/EN 60947-3



CQDS-32

DC Switch-Disconnecter

Rated Current (Ie):
16, 18, 25, 32A

Rated Operational Voltage (Ue):
Up to DC1200V, depending on configuration

Utilization Category:
DC-PV1 / DC-PV2

Function:
DC isolation and switching

Standard:
IEC 60947-3



CQDF-32

DC Fuse Holder

Rated Voltage:
DC1000V

Maximum Operating Current:
32A

Available Versions:
1P, 2P

Fuse-Link Size:
10 × 38mm



ExS-T2-DC

Type 2 DC Surge Protective Device

Available Versions:
2P, DC1000V
3P, DC1500V

Nominal Discharge Current (In):
20kA (8/20μs)

Maximum Discharge Current (Imax):
40kA (8/20μs)

Voltage Protection Level (Up):
≤2.8kV (2P, DC1000V)
≤5.2kV (3P, DC1500V)



CQBD-63

Non-Polarized DC Miniature Circuit Breaker

Selected Specifications:
2P, 32A — DC600V
4P, 63A — DC1200V

Breaking Capacity:
Icu 10kA / Ics 7.5kA

Tripping Curves:
B, C

Standard:
IEC 60947-2



Distribution Boxes & Accessories

CHAC



CQMG10

Key Feature:
Plug-in design for quick installation

Material:
Cold-rolled steel box / PC cover

Specifications:
2P main switch + 4/6/10/12circuits

Installation:
Surface Mounted



CQMG20A

Key Features:
Large PC panel / Quick wiring

Base Box Material:
Metal / Plastic

Models:
04M/07M/10M/14M/18M/22M/26M

Color Options:
White / Transparent Tea

Installation:
Surface Mounted



CQMG20B

Key Feature:
Double-row layout for ample wiring space

Base Box Material:
Metal / Plastic

Specifications:
28 / 36 / 44 / 52

Color Options:
White / Transparent Tea

Installation:
Flush Mounted: 28 / 36 / 44 / 52
Surface Mounted: 28M / 36M / 44M / 52M



CQMG20C

Material:
Glass panel / Aluminum alloy frame

Sheet Metal Thickness:
1.1 mm

Specifications:
Single Row: 15-18 / 18-22 positions
Double Row: 32-36 / 48-52 positions

Color Options:
Pearl White / Starlight Gray / Translucent Black



CQMGU

Material:
Powder-coated cold-rolled steel

Specifications:
5 / 8 / 14 / 19 modules
Single-row / Double-row

Installation:
Surface Mounted



CQMG03

Distribution Block

Rated Current (Ie):
125A / 160A

Configuration:
2 or 4 conductive rows,
7/11/15 terminals per row

Rated Insulation Voltage:
500V

Short-time Withstand Current (Icw):
4.5kA



CQIL6/7

Indicator Light

Rated Voltage:
230V AC

Power Consumption:
0.5W

Colors:
Red, Yellow, Green, Blue

Conductor:
1.5-2.5 mm² copper



CQP7

Modular Socket

Rated Voltage:
250V

Rated Current:
16A

Type:
French standard

Conductor:
1.5-2.5 mm² copper



CQP20

Modular Socket

Rated Voltage:
250V

Rated Current:
16A

Types:
German standard (CQP20),
French standard (CQP20-F),
with protective shutter (CQP20-GP)

Features:
Flame-retardant, DIN rail mount



CQBE3

Bell

Function:
Alarm sound signal device

Rated Circuit:
50Hz AC / 230V

Conductor:
1.5-2.5 mm² copper

BUILT FOR RELIABLE POWER DISTRIBUTION

High-performance protection and
switching solutions designed for safe,
stable and efficient power systems.



Scan or Click
to Learn More





CQM5

Molded Case Circuit Breaker

Frame Size: 63A, 100A, 125A, 250A, 400A, 630A, 800A	Number of Poles: 3P, 4P
Rated Current (In): 10A to 800A	Standards: GB/T 14048.2, IEC 60947-2
Breaking Capacity (Icu/Ics): C/L/M/H levels	



CQM5L

Residual Current Operated Circuit Breaker

Frame Size (Inm): 125A, 250A, 400A, 630A	Number of Poles: 3P, 4P
Rated Current (In): 10-630A	Rated Residual Operating Current (IΔn): 30, 100, 300, 500, 1000 mA (AC type)
Breaking Capacity (Icu/Ics): 70 kA / 50 kA or 70 kA	Standards: GB/T 14048.2, IEC 60947-2



CQM5E

Electronic Molded Case Circuit Breaker

Frame Size: 125A, 250A, 400A, 630A, 800A	Number of Poles: 3P, 4P
Rated Current (In): Electronically adjustable	Standards: IEC 60947-1, -2; GB/T 14048
Breaking Capacity (Icu/Ics): M/H levels	



CQM5HU

Molded Case Circuit Breaker

Frame Size: 320A, 630A	Number of Poles: 3P
Rated Current (In): 63-320A (320 frame); 250-630A (630 frame)	Standards: IEC 60947-2, GB/T 14048.2
Breaking Capacity (Icu = Ics): 320 frame: 50kA at AC800V / 15kA at AC1140V 630 frame: 65kA at AC800V / 20kA at AC1140V	



CQM5NEZ

DC Molded Case Circuit Breaker

Frame Size: 350A, 630A	Number of Poles: 2P
Rated Current (In): 63-350A (350 frame); 350-630A (630 frame)	Standards: IEC 60947-2, GB/T 14048.2
Breaking Capacity (Icu = Ics) at DC1500V: 350 frame: 20kA (M) / 30kA (H) 630 frame: 20kA	



CQD5NEZ

DC Switch-Disconnecter

Frame Size: 315A, 630A	Short-Time Withstand Current (Icw): 315 frame: 8kA/1s 630 frame: 10kA/1s
Rated Current (In): 80-315A (315 frame); 315-630A (630 frame)	Number of Poles: 2P
Short-Circuit Making Capacity (Icm): 10kA (315 frame); 20kA (630 frame)	Standards: IEC 60947-3, GB/T 14048.3



CQW5NEDZ

DC Air Switch-Disconnecter

Frame Size: 1600A, 2500A, 4000A	Number of Poles: 2P
Short-Circuit Making Capacity (Icm): 50kA (1600); 85kA (2500); 100kA (4000)	Standards: IEC 60947-3, GB/T 14048.3
Short-Time Withstand Current (Icw): 50kA/1s (1600); 85kA/1s (2500); 100kA/1s (4000)	



CQM6

Molded Case Circuit Breaker

Frame Size:
125A, 160A, 250A, 630A, 800A, 1250A, 1600A

Number of Poles:
3P, 4P (2P for 125A)

Rated Current (In):
10A to 1250A

Standards:
IEC/EN 60947-1,2,3,4; GB/T 14048.1,2,3,4

Breaking Capacity (Icu/Ics):
C/S/L/M/H levels



CQM6L

Residual Current Operated Circuit Breaker

Frame Size:
160A, 250A, 630A, 800A

Number of Poles:
4P (3P & 4P for 400A, 630A, 800A)

Rated Current (In):
10A to 800A (selectable)

Standards:
IEC/EN 60947-1,2,3,4; GB/T 14048.1,2,3,4

Breaking Capacity (Icu/Ics):
C/S/M/H levels



CQM6RT

Thermal-Magnetic Adjustable Molded Case Circuit Breakers

Frame Size:
160A, 250A, 630A, 800A, 1250A

Number of Poles:
3P, 4P

Rated Current (In):
Adjustable, 63A to 800A

Standards:
IEC/EN 60947-1,2,3,4; GB/T 14048.1,2,3,4

Breaking Capacity (Icu/Ics):
C/S/M/H levels



CQM6E

Electronic Molded Case Circuit Breaker

Frame Size:
160A, 250A, 630A, 800A, 1250A

Number of Poles:
3P, 4P

Rated Current (In):
Electronically adjustable via rating plugs

Standards:
IEC/EN 60947-1,2,3,4; GB/T 14048.1,2,3,4

Breaking Capacity (Icu/Ics):
S/M/H levels

Molded Case Circuit Breaker



CQM7 Series

Frame Size:
125A, 250A, 400A, 630A, 800A

Number of Poles:
3P

Rated Operational Voltage (Ue):
AC 400/415V

Standards:
IEC/EN 60947-2, GB/T 14048.2

Breaking Capacity (Icu/Ics):
C/S levels (125A, 250A frames)
S/M levels (400A, 630A, 800A frames)
Up to 50kA (Icu)

DC Molded Case Circuit Breaker



CQM7DC Series

Frame Size:
320A, 630A, 1600A

Number of Poles:
2P (320, 630 frames);
3P, 4P (1600 frame)

Rated Operational Voltage (Ue):
Up to DC1500V

Breaking Capacity:
320 frame: 35kA at DC1200V / 20kA at DC1500V
630 frame: 85kA at DC750V / 50kA at DC1000V
1600 frame: 50kA at DC750V / 30kA at DC1000V
15kA at DC1200V / 10kA at DC1500V

Air Circuit Breaker



CQW2 Series

Frame Size:
1600A, 2000A, 3200A, 4000A, 6300A

Number of Poles:
3P, 4P

Rated Operational Voltage (Ue):
AC 415V / 690V, 50/60Hz

Standards:
IEC 60947-2, GB/T 14048.2

Breaking Capacity (Icu) at AC415V:
65kA (1600 frame); 80kA (2000 frame)
100kA (3200, 4000 frames); 120kA (6300 frame)

ENGINEERED FOR PRECISE CONTROL

Reliable industrial control solutions designed for efficient automation and dependable system performance.

Industrial Control

CHAC

INDUSTRIAL CONTROL ELECTRICAL

Scan or Click
to Learn More



CQC6 Series

AC contactor

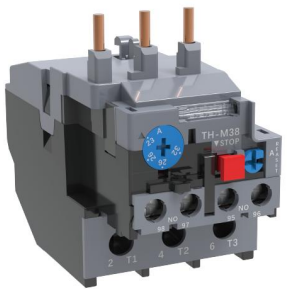
Rated Operational Current (Ie):
6-95A (AC-3, 380/400V)

Rated Insulation Voltage (Ui):
690V

Number of Poles:
3P

Rated Control Supply Voltage (Us):
AC 24-440V, 50/60Hz (depending on coil version)

Standard:
IEC 60947-4-1, GB/T 14048.4



CQR2 Series

Thermal Overload Relay

Rated Setting Current Range:
0.1 - 95A

Rated Insulation Voltage:
AC 690V

Key Protection Functions:
Overload protection, Phase-failure protection



CQV2 Series

Motor Protective Device

Frame Size:
32 A / 80 A

Adjustable Current Range:
0.1-80 A, depending on model

Rated Current Options:
0.16, 0.25, 0.4, 0.63, 1, 1.6, 2.5,
4, 6.3, 10, 14, 18, 23, 25, 32,
40, 63, 80 A

Rated Operational Voltage:
Up to AC 690 V

Key Protection Functions:
Motor overload, phase-failure and
short-circuit protection



STE Series



STE1 Series

High-voltage DC Contactor (Square Ceramic Sealing)

Rated Voltage:
750 VDC to 1800 VDC

Rated Current:
40 A to 600 A

Peak Breaking Capacity (@300VDC):
Up to 2500 A

Key Feature:
Square ceramic encapsulation for high
temperature & corrosion resistance
(≥1500VDC environments)



STE2 Series

High-voltage DC Contactor (Round Epoxy Sealing)

Rated Voltage:
12 VDC to 1500 VDC

Rated Current:
50 A to 800 A

Key Feature:
Round epoxy sealing, providing IP-rated
dust/water resistance for industrial use



STE3 Series

High-voltage DC Contactor (Round Ceramic Sealing)

Rated Voltage:
Up to 1000 VDC

Rated Current:
50 A to 350 A

Key Feature:
Round ceramic sealing, with polarized
load support