LOW VOLTAGE ELECTRICAL

PRODUCT GUIDE

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



ZHEJIANG CHUANGQI ELECTRIC CO.,LTD.

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V2026.11-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)



CHAC

DEVELOPMENT HISTORY



2025

30th Anniversary of CHAC's Founding



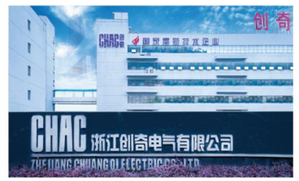
2023

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



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."

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Invention Patent



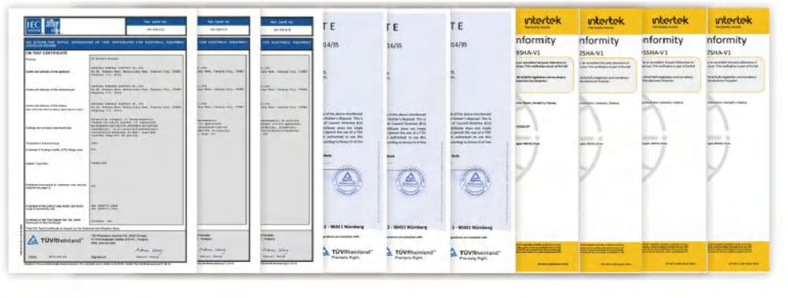
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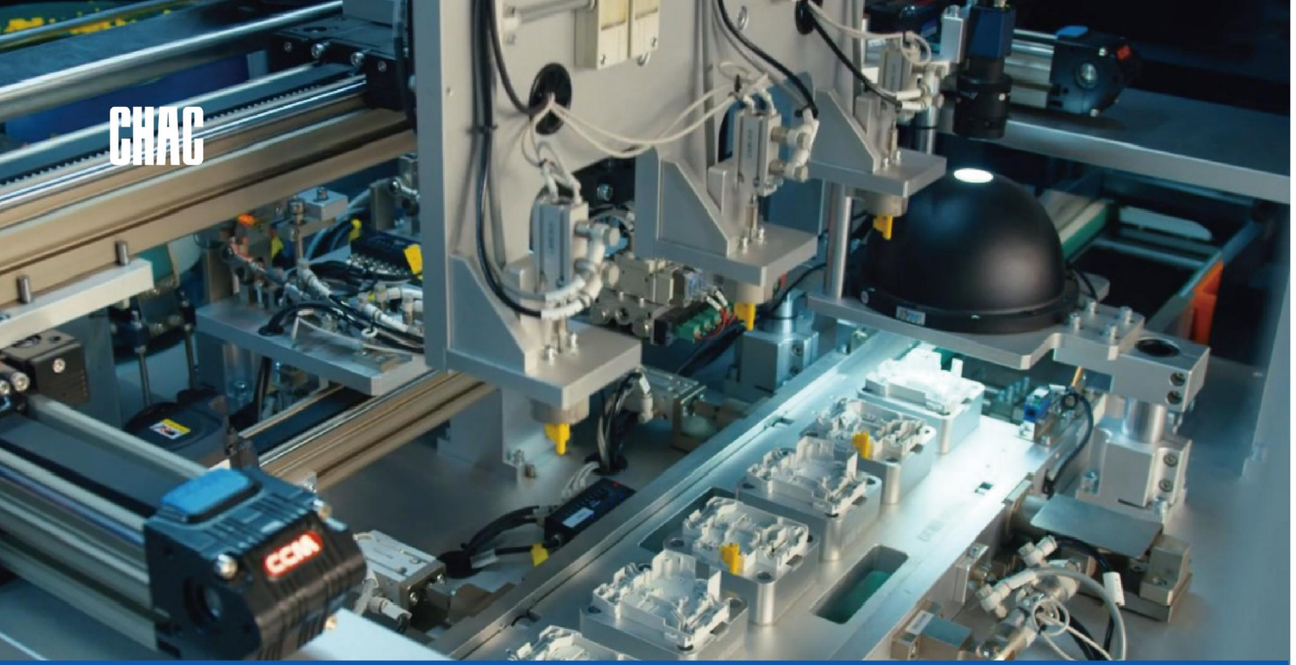
Utility Model Patent



100+

Product Certification





MANUFACTURING CAPACITY







90%
Of Manufacturing Process Automated

85%
Of Production Machinery Self-develped

98%
Parts self-produced

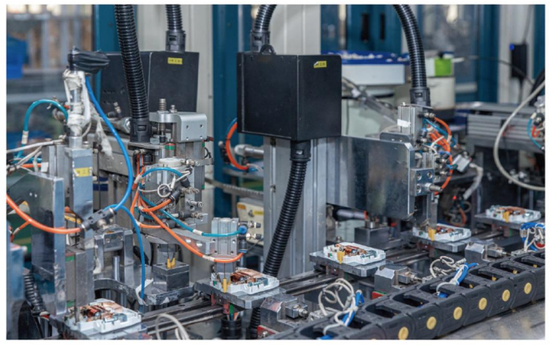
100M POLES
MCB Annual Production Capacity















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.

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.





R&D & Quality Assurance Center

Physical & Chemical Analysis Lab

Magnetic & Non-Destructive Testing

3D Metrology & Precision Measurement





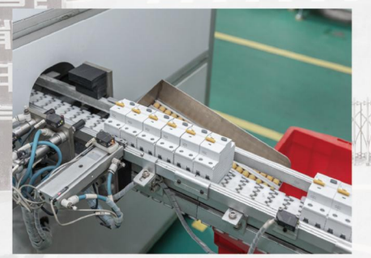




Key Performance Tests:
Electrical Life, Salt Spray (Corrosion Resistance), Solderability, etc.



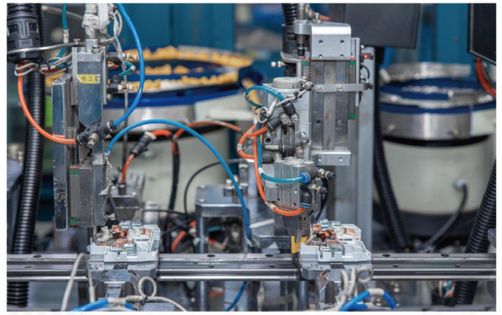


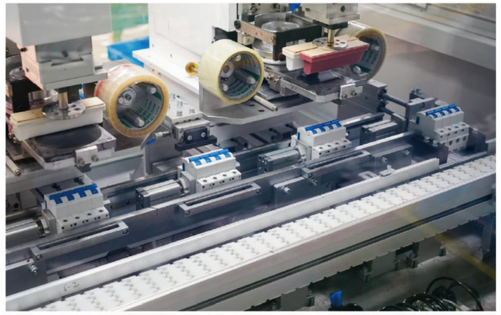


Terminal Product Line Workshop









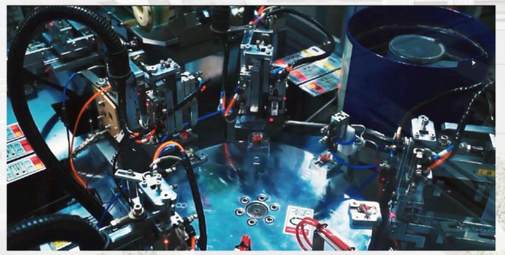
Automation Workshop



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.



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



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



PXB6-63L

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

Breaking Capacity (Icn=Ics):
4500A

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

Standard:
IEC 60898-1, GB/T 10963.1



PXB6-63T

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:
IEC 60898-1, GB/T 10963.1



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



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

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/T 14048.2, IEC/EN 60947-2



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/EN 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/T 14048.2, IEC 60947-2



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/T 14048.2, IEC 60947-2

Electromagnetic Residual Current Operated Circuit Breaker with Integral Overcurrent Protection (RCBO)



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/EN 61009-1, IEC/EN 61009-2-1
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:
GB/T 16917.1 GB/T 22794
IEC/EN 61009-1 IEC 61009-2-2
IEC/EN 62423

Electromagnetic Residual Current Operated Circuit Breaker



PXL6-100

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

Rated Residual Operating Current (IΔn):
10 (10A-40A), 30, 100, 300mA

Residual Current Type:
AC, A

Rated Conditional Short-Circuit Current:
6,000A

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

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



PXL6-100B

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

Rated Residual Operating Current (IΔn):
10 (10A-40A), 30, 100, 300 mA

Residual Current Type:
B

Rated Conditional Short-Circuit Current:
6,000A

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

Standards:
GB/T 16916.1 GB/T 22794
IEC/EN 61008-1 IEC/EN 62423



PXL6H-100

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

Rated Residual Operating Current (IΔn):
10 (10A-40A), 30, 100, 300mA

Residual Current Type:
AC, A

Rated Conditional Short-Circuit Current:
10000A

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

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



PXL6H-100B

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

Rated Residual Operating Current (IΔn):
10 (10A-40A), 30, 100, 300 mA

Residual Current Type:
B

Rated Conditional Short-Circuit Current:
10000A

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

Standards:
GB/T 16916.1 GB/T 22794
IEC/EN 61008-1 IEC/EN 62423

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:
GB/T 16917.1, IEC/EN 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:
GB/T 16917.1 GB/T 22794
IEC/EN 61009-1 IEC/EN 62423



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/EN 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:
IEC/EN 60947-3, 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

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

Electromagnetic Residual Current Operated Circuit Breaker with Integral Overcurrent Protection



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 Circuit Breaker



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

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

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



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 ≥265±10V or ≤165±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







CQB3-63
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

Maximum Continuous Operating Voltage (Uc):
275V or 385V AC

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

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

Voltage Protection Level (Up):
≤ 1.5 kV

Standard:
IEC 61643-11; GB 18802.1



ExS-T2-AC
Surge Protective Device

Maximum Continuous Operating Voltage (Uc):
275 V or 385 V AC

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

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

Voltage Protection Level (Up):
≤ 1.5 kV

Standard:
IEC 61643-11; GB 18802.1

Plug-on Type Miniature Circuit Breaker



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

Plug-on Type Residual Current Operated Circuit-Breaker With Integral Overcurrent Protection



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





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

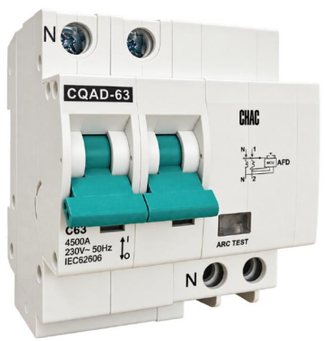
Rated Residual Operating Current (IΔn):
30mA, Type A

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



CQB9ZN-125

Rated Current (In):
1, 2, 4, 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



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



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):
1, 2, 4, 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

Electromagnetic Residual Current Operated Circuit Breaker



CQL14

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

Rated Residual Operating Current (IΔn):
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

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 Combiner Box Solutions

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

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-Disconnector

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





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

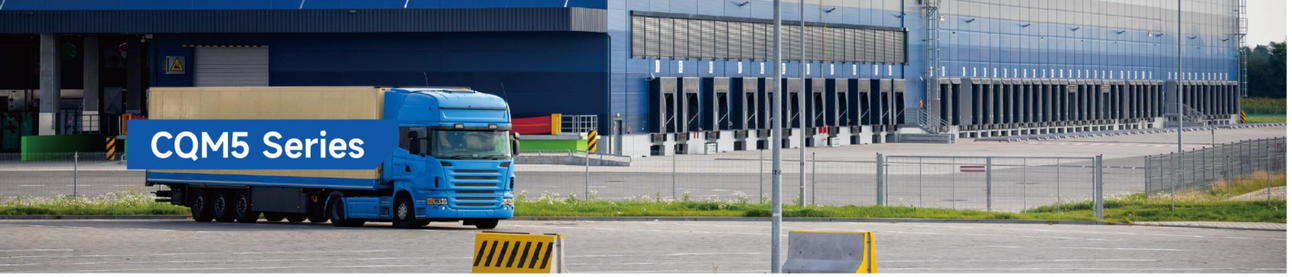
Rated Circuit:
50Hz AC / 230V

Conductor:
1.5-2.5 mm² copper

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CQM5
Molded Case Circuit Breaker

Frame Size:
63A, 100A, 125A, 250A, 400A, 630A, 800A

Rated Current (In):
10A to 800A

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

Number of Poles:
3P, 4P

Standards:
GB/T 14048.2, IEC 60947-2



CQM5L
Residual Current Operated Circuit Breaker

Frame Size (Inm):
125A, 250A, 400A, 630A

Rated Current (In):
10-630A

Breaking Capacity (Icu/Ics):
70 kA / 50 kA or 70 kA

Number of Poles: 3P, 4P

Rated Residual Operating Current (IΔn):
30, 100, 300, 500, 1000 mA (AC type)

Standards:
GB/T 14048.2, IEC 60947-2



CQM5E
Electronic Molded Case Circuit Breaker

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

Rated Current (In):
Electronically adjustable

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

Number of Poles:
3P, 4P

Standards:
IEC 60947-1, -2; GB/T 14048

CHAC



CQM5HU
Molded Case Circuit Breaker

Frame Size:
320A, 630A

Rated Current (In):
63–320A (320 frame); 250–630A (630 frame)

Breaking Capacity (Icu = Ics):
320 frame: 50kA at AC800V / 15kA at AC1140V
630 frame: 65kA at AC800V / 20kA at AC1140V

Number of Poles:
3P

Standards:
IEC 60947-2, GB/T 14048.2



CQM5NEZ
DC Molded Case Circuit Breaker

Frame Size:
350A, 630A

Rated Current (In):
63–350A (350 frame); 350–630A (630 frame)

Breaking Capacity (Icu = Ics) at DC1500V:
350 frame: 20kA (M) / 30kA (H)
630 frame: 20kA

Number of Poles:
2P

Standards:
IEC 60947-2, GB/T 14048.2



CQD5NEZ
DC Switch-Disconnector

Frame Size:
315A, 630A

Rated Current (In):
80–315A (315 frame); 315–630A (630 frame)

Short-Circuit Making Capacity (Icm):
10kA (315 frame); 20kA (630 frame)

Short-Time Withstand Current (Icw):
315 frame: 8kA/1s
630 frame: 10kA/1s

Number of Poles:
2P

Standards:
IEC 60947-3, GB/T 14048.3



CQW5NEDZ
DC Air Switch-Disconnector

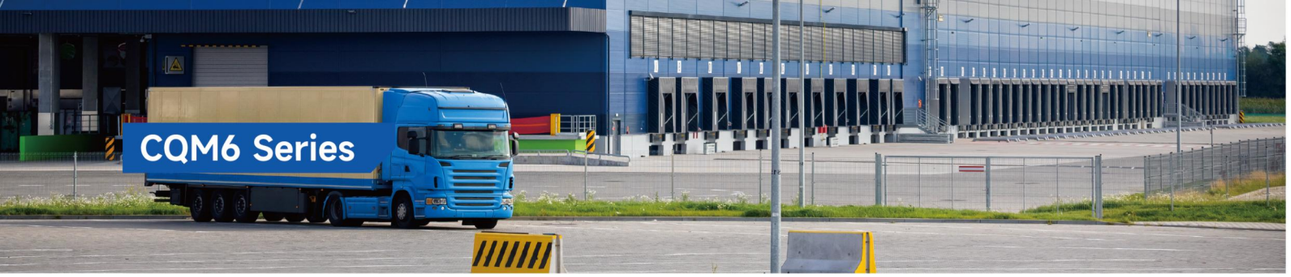
Frame Size:
1600A, 2500A, 4000A

Short-Circuit Making Capacity (Icm):
50kA (1600); 85kA (2500); 100kA (4000)

Short-Time Withstand Current (Icw):
50kA/1s (1600); 85kA/1s (2500); 100kA/1s (4000)

Number of Poles:
2P

Standards:
IEC 60947-3, GB/T 14048.3





CQM6

Molded Case Circuit Breaker

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

Rated Current (In):
10A to 1250A

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

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

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



CQM6L

Residual Current Operated Circuit Breaker

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

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

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

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

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



CQM6RT

Thermal-Magnetic Adjustable Molded Case Circuit Breakers

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

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

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

Number of Poles:
3P, 4P

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



CQM6E

Electronic Molded Case Circuit Breaker

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

Rated Current (In):
Electronically adjustable via rating plugs

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

Number of Poles:
3P, 4P

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

CHAC

Molded Case Circuit Breaker



CQM7 Series

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

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

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

Number of Poles:
3P

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

DC Molded Case Circuit Breaker



CQM7DC Series

Frame Size:
320A, 630A, 1600A

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

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

Air Circuit Breaker



CQW2 Series

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

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

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

Number of Poles:
3P, 4P

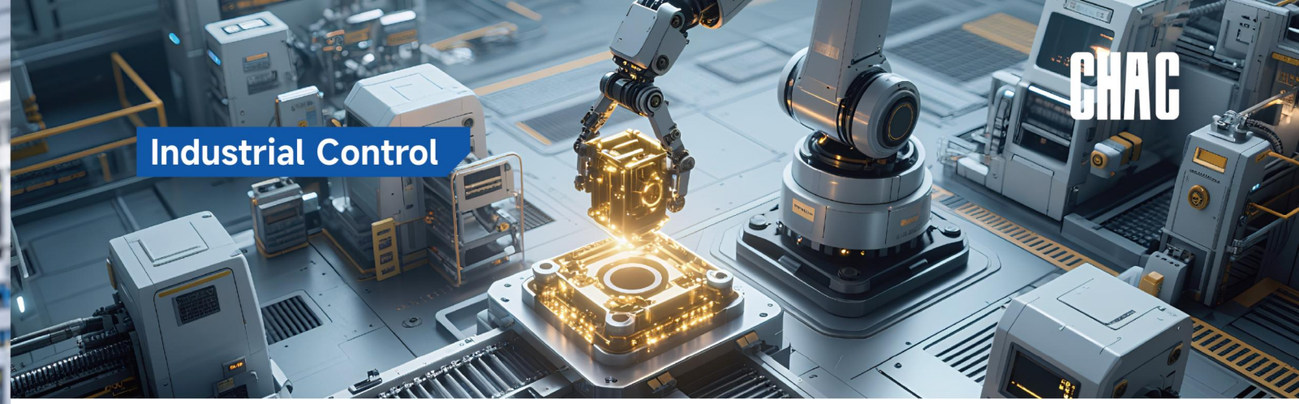
Standards:
IEC 60947-2, GB/T 14048.2

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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

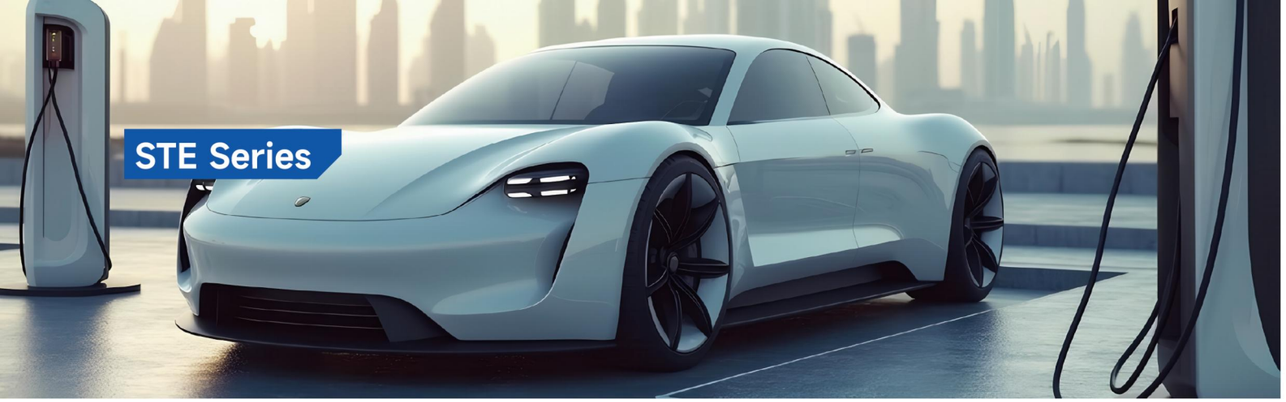
Frame Size:
32 A / 80 A

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





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