

CHAC

Other Products PRODUCT CATALOG



ZHEJIANG CHUANGQI ELECTRIC CO.,LTD.

- WenzhouBase
No.18,ShahongRoad,BeibaixiangTown,YueqingCity,Wenzhou,ZhejiangProvince,China
- JiaxingBase
No.61,ZhengyangWestRoad,XiuzhouDistrict,Jiaxing,ZhejiangProvince,China
- 0577-27878806
- marketing@chac-en.com
- www.chac-electric.com



LINKEDIN



WEBSITE

V2026.03-CHAC-MKT

CQL14

Electromagnetic Residual Current Operated Circuit Breaker



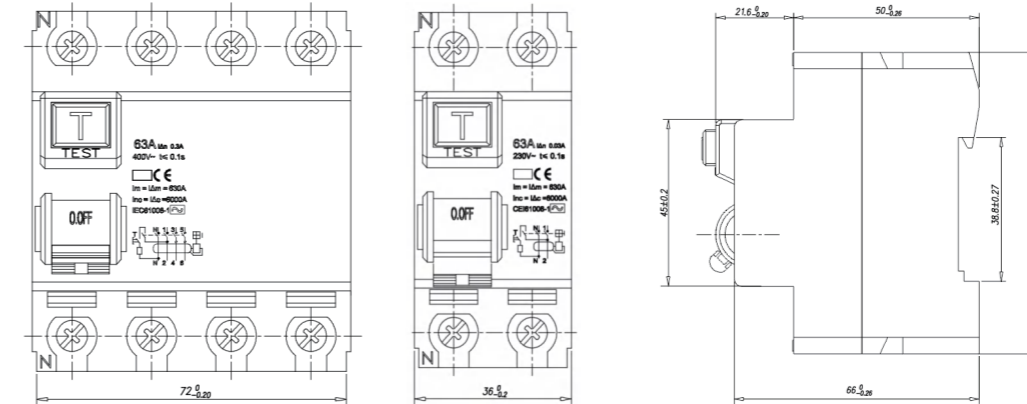
Product Features

- Fully Electromagnetic & Highly Reliable
- Fast Tripping for Safety
- High Short-Circuit Withstand Capability
- Broad Compatibility & Flexible Options
- Standards Compliant & Durable Construction

Type designation



Dimensions(mm)



Technical Specifications

| Parameter | |
|--|--------------------------------------|
| Rated Voltage | 230V AC(1P+N);400V AC(3P+N) |
| Rated Current (A) | 25A、40A、63A、80A、100A |
| Rated Residual Operating Current | 0.03A、0.1A、0.3A |
| Rated Residual Non-Operating Current | 0.5I Δ n |
| Type of Residual Current (with DC component) | AC type、A type(In=25、40、63A) |
| Number of Poles | 1P+N、3P+N |
| Rated Conditional Short-Circuit Current | 6000A |
| Rated Conditional Residual Short-Circuit Current | 6000A |
| Rated Making and Breaking Capacity | 500A (In=25、40A) ; 10In (63、80、100A) |
| Rated Residual Making and Breaking Capacity | 500A (In=25、40A) ; 10In (63、80、100A) |
| Tightening Torque | (2.5 ~ 3.0) N.m |
| Protection Class | IP20 |
| Pollution Degree | 2 |
| Installation Category | II |
| Standards | GB 16916.1, IEC61008-1 |

Break time for residual current

| I _n (A) | I Δ n (A) | Breaking time when the residual current equals the following values (s) | | | | |
|--------------------|------------------|---|---------------|---------------|--------------------------|--------------|
| | | I Δ n | 2I Δ n | 5I Δ n | 5A、10A、20A、50A、100A、200A | I Δ t |
| 25 ~ 100A | 0.03、0.1、0.3 | 0.1 | 0.05 | 0.04 | 0.04 | 0.04 |

Mechanical and electrical endurance

| I _n (A) | Number of operating cycles | | Operating frequency (cycles per hour) |
|--------------------|------------------------------------|------------------------------------|---------------------------------------|
| | Number of on-load operating cycles | Number of no-load operating cycles | |
| 25A | 2000 | 4000 | 240 |
| 40A、63A、80A、100A | 2000 | 4000 | 120 |

CQB58

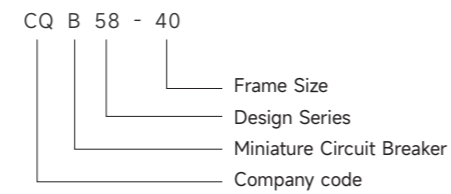
Safety Breaker



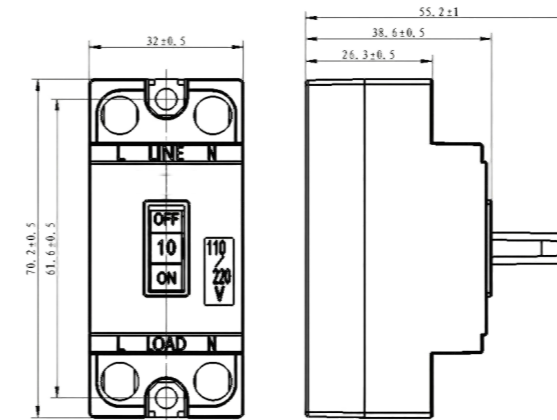
Product Features

- Industrial-Grade Protection
 - 1.5kA high breaking capacity ensures reliable short-circuit interruption
 - Thermal overload protection (1.13-1.45×I_n) prevents equipment damage
- Multi-Current Versatility
 - 5 current ratings: 10A/15A/20A/30A/40A for flexible load matching
- Robust Construction
 - IP20 isolation protection with 2kV dielectric strength
 - Top-entry terminals support ≤10mm² cables (2N·m torque)
- Wide Application
 - Designed for industrial/commercial buildings, high-rises, and residences
- Environmental Adaptability
 - Operates at -5°C~+40°C with ≤90% humidity

Type designation



Dimensions(mm)



Ordering Specification

Please specify the following when ordering:
 Product Model: CQB58
 1.Model & Current: ZN58-[Current]
 • Current options: 10A / 15A / 20A / 30A / 40A
 2.Number of Poles: 2P1E (fixed configuration)
 3.Quantity: [e.g. 100 units]
 Ordering Examples:
 CQB58-20A 100 pcs

Technical Specifications

| Parameter | |
|--|---------------------------------|
| Standard | IEC/EN60898-1 |
| Protection | Overload protection |
| Type of trip | Overload :Thermal |
| No.of poles | 2P1E |
| Rated currents(I _n) | 10A/15A/20A/30A/40A |
| Rated voltage | 230V |
| Rated frequency | 50/60Hz |
| Rated Short-Time Current | 1.5kA |
| Dielectric test voltage at Ind. Freq.for 1 min | 2kV |
| Thermal release characteristic | (1.13-1.45) x I _n |
| Electrical life | 4,000 Cycles |
| Protection degree | IP20 |
| Ambient temperature | -5°C to +40°C, Max.90% humidity |
| Terminal connection type | Cable |
| Max. cable cross-section | 10mm ² |
| Max. tightening torque | 2N.m |
| Connection | From top |

CQGQA-63

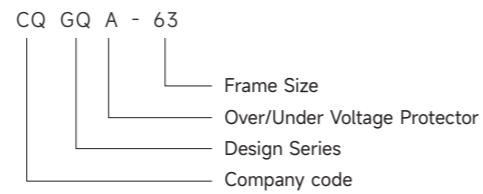
Over/Under Voltage & Over-Current Auto-Reclosing Protector



Product Features

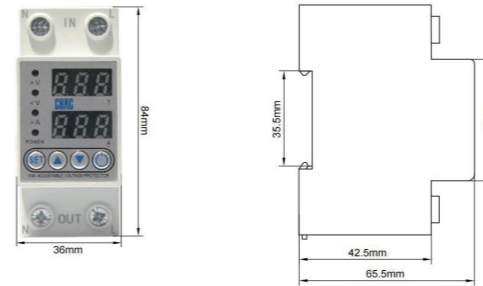
- **Intelligent Integrated Protection**
Integrates over-voltage, under-voltage, and over-current protection. Cuts off power instantly upon fault to safeguard equipment.
- **Automatic Power Recovery**
Automatically restores power after a preset delay once line conditions normalize, requiring no manual intervention.
- **High Reliability**
Immune to transient or temporary over-voltage, preventing nuisance tripping and unnecessary power outages.
- **Customizable Settings**
All protection values, reset values, and delay times can be flexibly adjusted according to actual needs.
- **Safety Delay**
Features an adjustable delay before re-connection in case of unstable voltage or sudden power restoration, ensuring safety.

Type designation

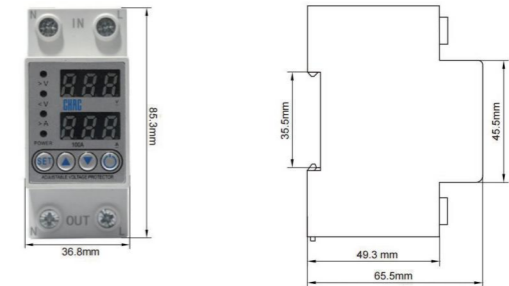


Dimensions(mm)

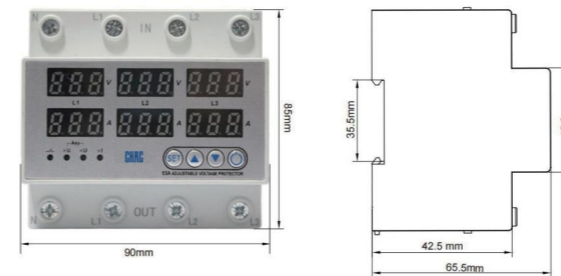
1P+N 40A/63A



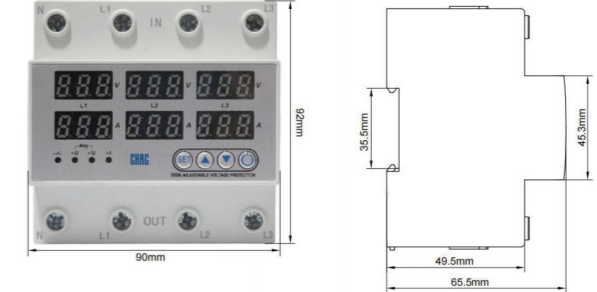
1P+N 80A/100A



3P+N 63A



3P+N 100A



Technical Specifications

| Parameter | |
|--|---|
| Number of Poles | 1P+N, 3P+N |
| Rated Operational Voltage | AC220V |
| Rated Operational Current | 1-40A Adjustable (Default 40A), 1-63A Adjustable (Default 63A), 1-80A Adjustable (Default 80A), 10-100A Adjustable (Default 100A) |
| Rated Operational Frequency | 50Hz/60Hz |
| Over-voltage Trip Value | 240V-300V Adjustable (Default 270V) |
| Over-voltage Reset Value | 235V-295V AC Adjustable (Start from 5V below Trip Value, Default 265V) |
| Under-voltage Trip Value | 140V-200V Adjustable (Default 170V) |
| Under-voltage Reset Value | 145V-205V AC Adjustable (Start from 5V above Trip Value, Default 175V) |
| Over-current Trip Value | 40A: 1-40A Adj. (Def 40A); 63A: 1-63A Adj. (Def 63A); 80A: 1-80A Adj. (Def 80A); 100A: 10-100A Adj. (Def 100A) |
| Power-on & Post-outage Delay Time | 1-300s Adjustable (Default 5s) |
| OV/UV Protection Reset Delay Time | 5-300s Adjustable (Default 30s) |
| Over-current Protection Reset Delay Time | 30-300s Adjustable (Default 30s) |
| Over-current Detection Delay Time | 6s (An over-current condition lasting longer than this time will be confirmed and protected) |
| Electrical & Mechanical Life | >100,000 cycles |
| Mounting Method | Standard Din-Rail Mounting |

CQGQS-63

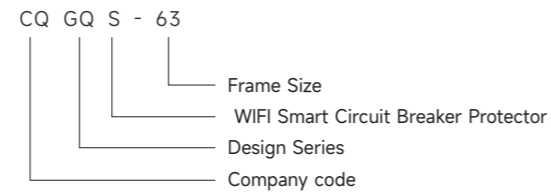
WIFI Smart Circuit Breaker Protector



Product Features

- Real-time LCD Monitoring
Backlit display shows live grid voltage, current, leakage, and energy consumption with State Grid-grade precision.
- Fully Adjustable Protection
Customizable undervoltage, overvoltage, overcurrent, and leakage protection with cumulative power monitoring.
- Smart Remote Control
Mobile app enables remote ON/OFF switching, real-time parameter configuration, and monitoring from anywhere.
- Auto-reclose & Energy Tracking
Automatic circuit restoration after faults; daily energy tracking with manual/midnight reset for billing.

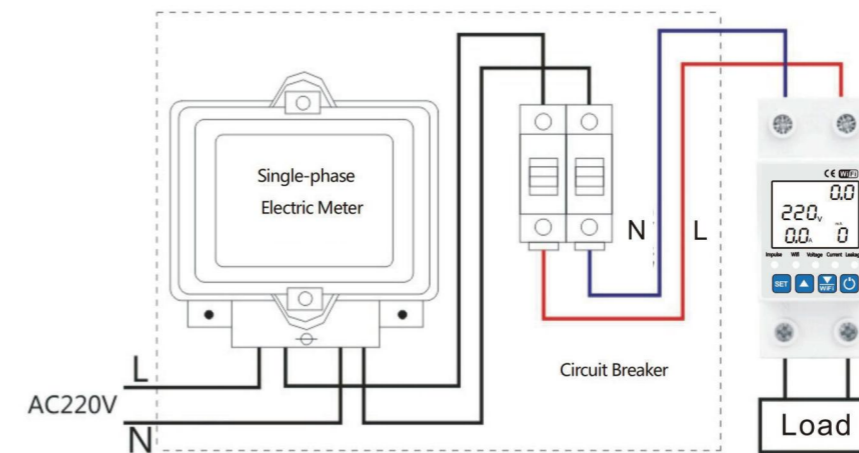
Type designation



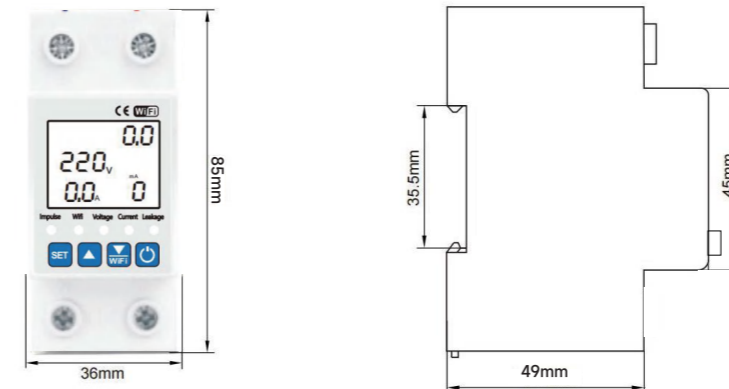
Technical Specifications

| Parameter | |
|--------------------------|--------------------------------------|
| Rated Voltage | 220V |
| Rated Current | 63A |
| Rated Frequency | 50/60Hz |
| Inductive Load | 6KW (Motor type) |
| Resistive Load | 13KW (Electric heating and lighting) |
| Power Consumption | <2W |
| Ambient Temperature | -25°C to 65°C |
| Humidity | <95% |
| Installation Method | DIN Rail Mounting |
| Control Mode | Manual / Mobile Remote |
| Undervoltage Setting | 230V-300V, adjustable in 1V steps |
| Overvoltage Setting | 110V-210V, adjustable in 1V steps |
| Overcurrent Setting | 1A-63A, adjustable in 1A steps |
| Leakage Current Setting | 10mA-100mA, adjustable in 1mA steps |
| Delay Setting | 1s-999s, adjustable in 1s steps |
| Voltage Display Accuracy | 1V |
| Current Display Accuracy | 0.1A |
| Leakage Display Accuracy | 1mA |
| Energy Display Accuracy | 0.1 kWh |

Wiring diagram



Dimensions(mm)



CQGQE

WiFi Din Rail Switch (Tuya APP)



Product Features

- Controla el interruptor desde cualquier lugar con la APP Tuya Smart o mediante comandos de voz (Alexa, Google Assistant).
- Incluye protección contra sobrecorriente, sobretensión/subtensión y fugas para mayor seguridad.
- Programa encendido/apagado automático (diario/semanal) y monitoriza el consumo en tiempo real.
- Recibe nuevas funciones y mejoras automáticamente a través de actualizaciones por aire.

Type designation

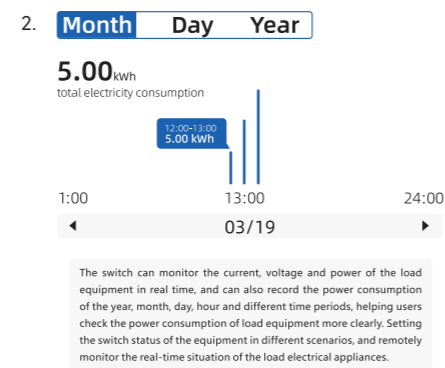


Technical Specifications

| Parameter | |
|-------------------------------|---------------------------|
| Poles description | 1P+N(N pole Pass-through) |
| Rated operating voltage range | 90-300V |
| Control type | Manual,Remote control APP |
| Protocol | Wifi(Default) |
| Customization | SigMesh/ZigBee |

1.LED Indicator Description

- The LED indicator show a steady blue light to indicate that the switch in ON status.
- The LED indicator show a light off to indicate that the switch in OFF status. (In off grid mode,there is no light in dicating,switch shall carefully operated to keep safety)
- The LED indicator show blue flashing to indicate that switch in parting model.



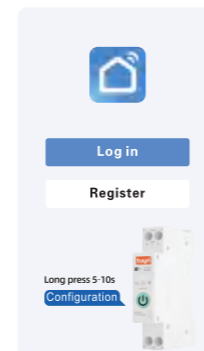
First Step:

Connect the wire from upper of the switch,the live wire connect to the L pole,and the neutral wire connect to the N pole.Please make sure the wiring is correct and with stron WIFI signal.Then scan the APP QR code to download and register.



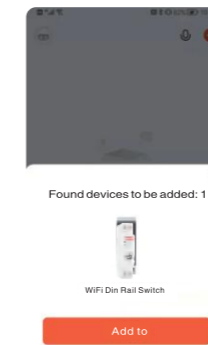
Second Step:

Turn on the Bluetooth and WIFI of the mobile phone,open the APP,and long press the "power"button,wait for about 5-10 seconds,the LED indicator will flash blow light slowly.Then wait in Tuya interface.



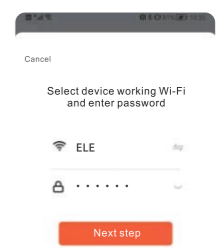
Third Step:

Waiting for a while after Tuya display the APP or click "+" in the upper right corner,and wait to discover devices. Then click "Add" button.



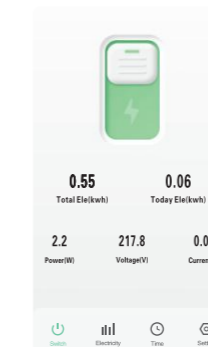
Fourth Step:

Enter wifi account and password and click next step,wait switch to connect to the network.



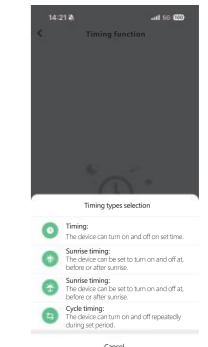
Fifth Step:

After successful connection,the LED indicator will change from blue slow flashing to blue steady light.

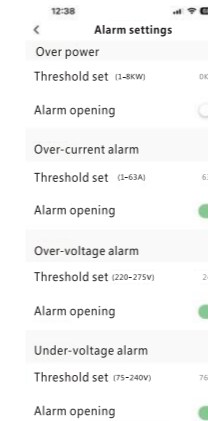
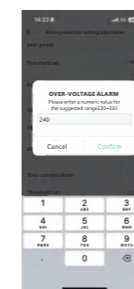


Timing function

Timing types could be selected accordingly.

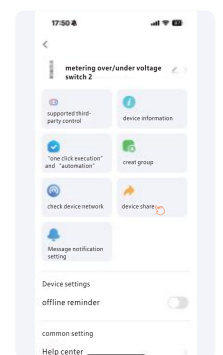
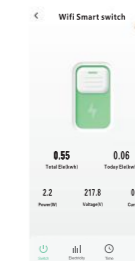


Alarm protection setting(adjustable)



Device share

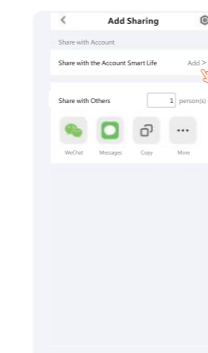
First Step:



Device Sharing

Second Step:

Click on "share with the Account Smart Life" to type the account you want to share.



Download APP



CQMG10 Series

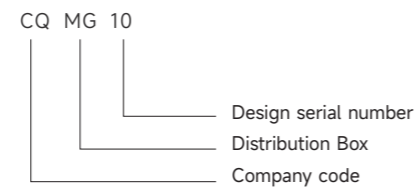
Plug-In Distribution Box



Product Features

- Plug-in Design: Enables quick and easy installation of circuit breakers.
- Robust Construction: Box made from cold-rolled steel; visible cover in high-impact PC material.
- Versatile Configurations: Available in 4, 6, 10, and 12-circuit versions with main switch (2P).
- Full Compatibility: Pre-punched knockouts (Φ32/Φ25) and dedicated N/PE terminal holes simplify wiring.
- Surface Mounting: Designed for straightforward and flexible installation.
- Protection Rating: IP20 for mounting holes, IP40 for other parts (before knockout removal).

Type Designation

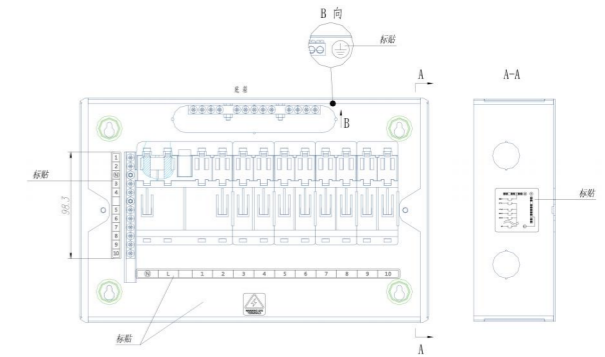
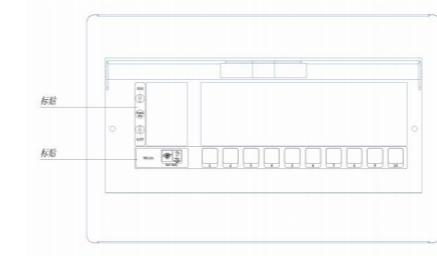


Technical Specifications

| Parameter | Description |
|----------------------|--|
| Mounting Type | Surface Mount |
| Material | Box: Cold-rolled steel Cover: PC material |
| Plate Thickness | 1.0 mm |
| Circuit Breaker Type | Plug-in |
| Protection Rating | IP20 (for mounting holes) IP40 (for other parts, before knockout removal) |
| Surface Treatment | Electrostatic spraying |

Dimensions(mm)

| Circuit Configuration | Box Dimensions (LWD, mm) | Neutral Bar Terminal Holes | Ground Bar Terminal Holes | Knockouts |
|--------------------------------|--------------------------|----------------------------|---------------------------|---|
| Main Switch (2P) + 4 Circuits | 249 * 209 * 105 | 4 | 7 | Top: Φ32×2 + Φ25×2 Bottom: Φ32×2 + Φ25×2 |
| Main Switch (2P) + 6 Circuits | 249 * 208 * 105 | 6 | 9 | Top: Φ32×2 + Φ25×2 Bottom: Φ32×2 + Φ25×2 |
| Main Switch (2P) + 10 Circuits | 326 * 209 * 105 | 10 | 13 | Top: Φ32×2 + Φ25×2 Bottom: Φ32×2 + Φ25×2 |
| Main Switch (2P) + 12 Circuits | 364 * 209 * 105 | 12 | 15 | Top: Φ32×2 + Φ25×2 Bottom: Φ32×2 + Φ25×5 |



Ordering Specification

Please specify the following when ordering:

- 1.Product Model: CQMG10
- 2.Quantity: [e.g.: 100 pcs]

Ordering Example:

CQMG10 100 pcs

CQMG20A Series

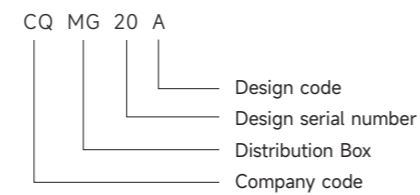
Distribution Box



Product Features

- Large PC Panel
High-strength, full-coverage panel that is fire-resistant, flame-retardant, and impact-resistant.
- Snap-lock Terminal Blocks
Large-wire-entry design for stable, quick wiring without damaging conductors.
- Adjustable Mounting Rails
Vertically and horizontally adjustable for easy alignment and installation of modules.
- Built-in Spirit Level
Integrated in the box for easy horizontal alignment, simplifying installation.
- Flexible Color Options
Face cover available in White or Transparent Tea color variants.

Type Designation

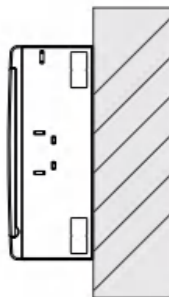


Technical Specifications

| Model Number | Base Box Material | Color Option | Installation Instructions | Overall Size | Mounting Size | Carton | Carton Size |
|--------------|-------------------|------------------------|---------------------------|------------------|------------------|--------------|-----------------|
| CQMG20A-04M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 180×159×77.5(mm) | 180×159×92(mm) | 30pcs/carton | 500×430×375(mm) |
| CQMG20A-07M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 240×213×80(mm) | 240×213×95(mm) | 10pcs/carton | 530×445×270(mm) |
| CQMG20A-10M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 240×267×80(mm) | 240×267×95(mm) | 10pcs/carton | 530×505×295(mm) |
| CQMG20A-14M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 240×339×80(mm) | 240×339×95(mm) | 8pcs/carton | 505×425×370(mm) |
| CQMG20A-18M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 260×411×81.5(mm) | 260×411×96.5(mm) | 8pcs/carton | 545×425×435(mm) |
| CQMG20A-22M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 260×483×81.5(mm) | 260×483×96.5(mm) | 8pcs/carton | 545×425×510(mm) |
| CQMG20A-26M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 260×555×81.5(mm) | 260×555×96.5(mm) | 6pcs/carton | 620×585×295(mm) |

Installation Instructions

Surface Mounted



CQMG20B Series

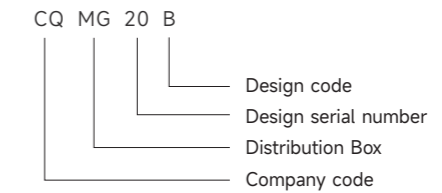
Distribution Box



Product Features

- Flexible Installation
Available in both flush-mounted (recessed) and surface-mounted versions to suit various installation requirements.
- Functional Construction
Double-row layout offers ample internal space for easier wiring and component arrangement. Ensure stable, quick wire connections without nicking conductors.
- Multiple Models
Available in various sizes to accommodate different capacity needs.

Type Designation



Technical Specifications

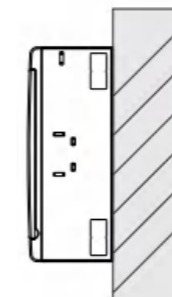
| Model Number | Base Box Material | Color Option | Installation Instructions | Overall Size | Mounting Size | Carton | Carton Size |
|--------------|-------------------|------------------------|---------------------------|----------------|----------------|-------------|-----------------|
| CQMG20B-28 | Metal/ Plastic | White/ Tea Transparent | Flush Mounted | 462×319×80(mm) | 482×339×95(mm) | 4pcs/carton | 500×430×375(mm) |
| CQMG20B-36 | Metal/ Plastic | White/ Tea Transparent | Flush Mounted | 502×391×80(mm) | 522×411×95(mm) | 4pcs/carton | 530×415×430(mm) |
| CQMG20B-44 | Metal/ Plastic | White/ Tea Transparent | Flush Mounted | 502×463×80(mm) | 522×483×95(mm) | 4pcs/carton | 535×430×510(mm) |
| CQMG20B-52 | Metal/ Plastic | White/ Tea Transparent | Flush Mounted | 502×535×80(mm) | 522×555×95(mm) | 4pcs/carton | 570×430×550(mm) |
| CQMG20B-28M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 482×339×80(mm) | 482×339×95(mm) | 4pcs/carton | 500×430×375(mm) |
| CQMG20B-36M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 522×411×80(mm) | 522×411×95(mm) | 4pcs/carton | 530×415×430(mm) |
| CQMG20B-44M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 522×483×80(mm) | 522×483×95(mm) | 4pcs/carton | 535×430×510(mm) |
| CQMG20B-52M | Metal/ Plastic | White/ Tea Transparent | Surface Mounted | 522×555×80(mm) | 522×555×95(mm) | 4pcs/carton | 570×430×550(mm) |

Installation Instructions

Flush Mounted



Surface Mounted



CQMG20C Series

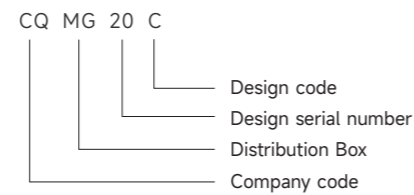
Distribution Box



Product Features

- High-Strength Aluminum Alloy Frame
Guarantees a flush finish, corrosion resistance, and anti-deformation for long-term stability.
- Flexible Capacity Options
A wide range of models from 15 to 52 modules (single/double row) to meet various power requirements for apartments and residences.
- Integrated Power & Data Design
Dedicated models accommodate both power and data modules for centralized and neat management.
- Multiple Color Options
Available in Pearl White, Starlight Gray, and Translucent Black to match various interior styles.

Type Designation



Technical Specifications

| Product Name | Model | Box Base Dimensions (mm) | Sheet Metal Thickness (mm) |
|---|-----------------|--------------------------|----------------------------|
| (Single Row) Glass Panel Power Distribution Box | 15-18 positions | 260X391X100 | 1.1 |
| | 18-22 positions | 260X463X100 | 1.1 |
| (Double Row) Glass Panel Power Distribution Box | 32-36 positions | 400X391X100 | 1.1 |
| | 48-52 positions | 540X391X100 | 1.1 |
| (Combined Power & Weak Current) Glass Panel | 14-20 positions | 500X427X100 | 1.1 |
| | 20-26 positions | 500X535X100 | 1.1 |
| (Information Box) Glass Panel Weak Current Box | 300X400 | 300X400X110 | 1.1 |

CQMG03 Series

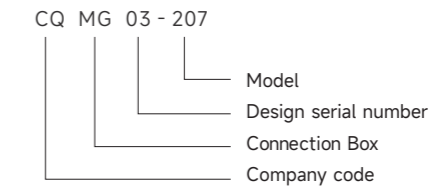
Distribution Block



Product Features

- Busbar/terminal for distribution circuits
- Current rating: 125A/160A

Type Designation



Technical Specifications

| Parameter | Value |
|----------------------------|-----------|
| Rated insulation voltage | 500V |
| Rated current (Ie) | 125A/160A |
| Frequency | 50Hz |
| Short-time withstand (Icw) | 4.5kA |
| Peak withstand (Ipk) | 20kA |

Configuration Table:

| Model | Conductive Rows | Terminals per Row |
|------------------|-----------------|-------------------|
| CQMG03-207 | 2 | 7 |
| CQMG03-215 | 2 | 15 |
| CQMG03-407 | 4 | 7 |
| CQMG03-411 | 4 | 11 |
| CQMG03-415 | 4 | 15 |
| CQMG03-411(160A) | 4 | 11 |

Dimensions(mm)

| Item | b (mm) |
|------------|--------|
| CQMG03-207 | 65 |
| CQMG03-215 | 132 |

| Item | b (mm) |
|------------|--------|
| CQMG03-407 | 65 |
| CQMG03-411 | 100 |
| CQMG03-415 | 132 |

| Item | b (mm) |
|------------------|--------|
| CQMG03-411(160A) | 167 |

Ordering Specification

Please specify the following when ordering:

1.Product Model: CQMG03-207

2.Quantity: [e.g.: 100 pcs]

Ordering Example:

CQMG03-207 100 pcs

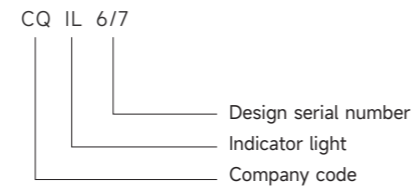
CQIL6/7 Indicator Light



Product Features

- Key Specifications:
- Rated voltage: 230V AC
- Power consumption: 0.5W
- Colors: Red/Yellow/Green/Blue
- Conductor: 1.5-2.5 mm² copper

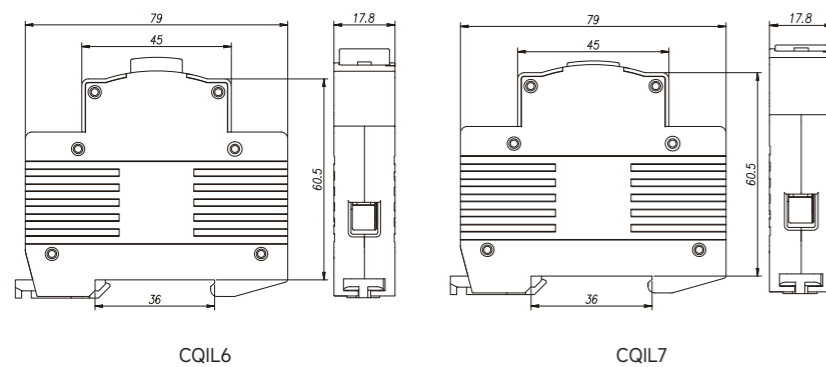
Type Designation



Technical Specifications

| Parameter | |
|----------------------|-------------------------|
| Rated voltage(v) | 230V |
| Poles | 1P |
| Power loss | 0.5W |
| Cross-sectional area | 16mm ² |
| Mounting type | Din rail embedded |
| Color | Red,Green,Yellow,Blue |
| Model | CQIL6 Convex,CQIL7 flat |

Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- 1.Product Model: CQIL6/7
- 2.Quantity: [e.g.: 100 pcs]

Ordering Example:
CQIL6/7 100 pcs

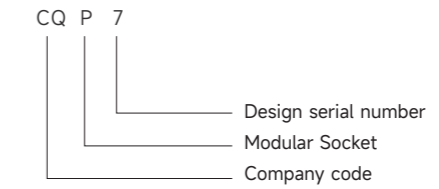
CQP7 Modular Socket



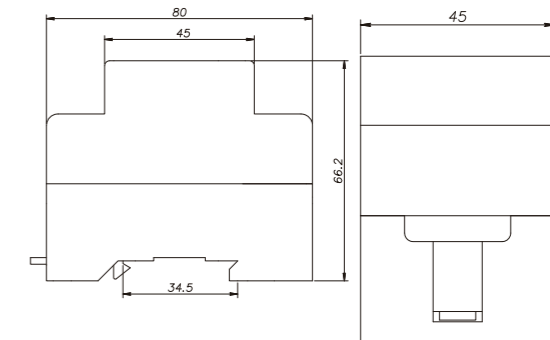
Product Features

- Rated voltage: 250V
- Rated current: 16A
- Type: French standard
- Conductor: 1.5-2.5 mm² copper

Type Designation



Dimensions(mm)



Ordering Specification

Please specify the following when ordering:

- 1.Product Model: CQP7
- 2.Quantity: [e.g.: 100 pcs]

Ordering Example:
CQP7 100 pcs

CQP20 Series
Modular Socket

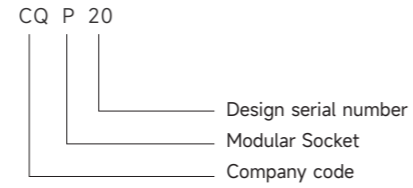
CQP20



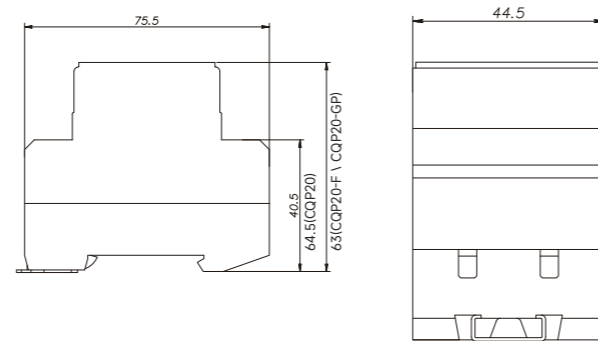
Product Features

- Rated voltage: 250V
- Rated current: 16A
- Type: Germany, French
- Conductor: 1.5-2.5 mm² copper
- Certifications: Dual DE/FR compliance
- Features: Flame-retardant / DIN rail mount

Type designation



Dimensions(mm)



Ordering Specification

Please specify the following when ordering:
 1.Product Model: CQP20,CQP20-F,CQP20-GP
 2.Quantity: [e.g.: 100 pcs]
 Ordering Example:
 CQP20 100 pcs

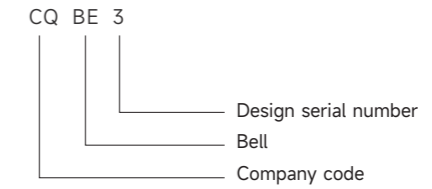
CQBE3
Bell



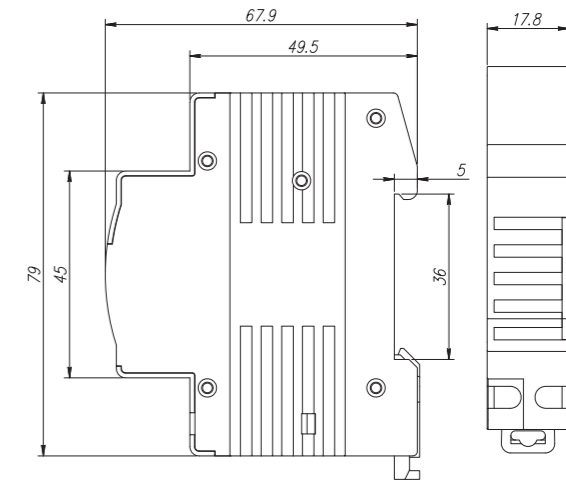
Product Features

- Alarm sound signal device
- For 50Hz AC/230V circuits
- Conductor: 1.5-2.5 mm² copper

Type Designation



Dimensions(mm)



Ordering Specification

Please specify the following when ordering:
 1.Product Model: CQBE3
 2.Quantity: [e.g.: 100 pcs]
 Ordering Example:
 CQBE3 100 pcs