

CHAC

Other Products PRODUCT CATALOG



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LINKEDIN

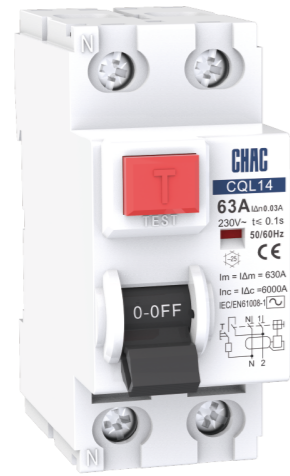


WEBSITE

V2026.04-CHAC-MKT

CQL14

Electromagnetic Residual Current Operated Circuit Breaker



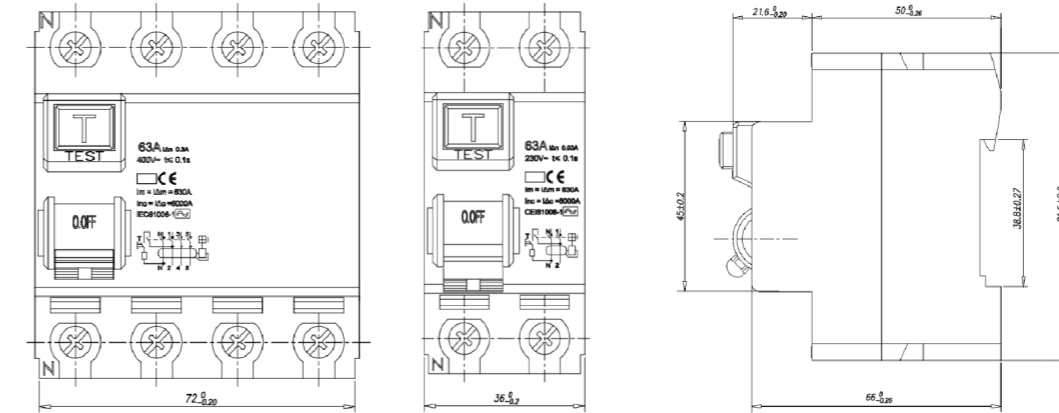
Product Features

- 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

Operating time (for residual current devices)

In (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

In (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

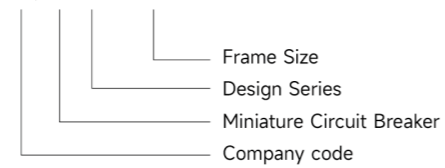


Product Features

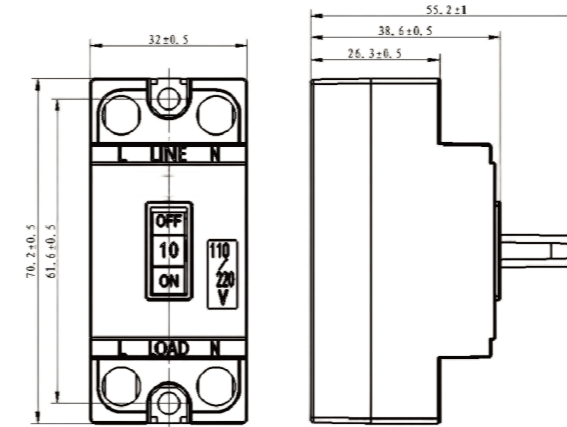
- Industrial-Grade Protection
 - 1.5kA high breaking capacity ensures reliable short-circuit interruption
 - Thermal overload protection (1.13-1.45×In) prevents equipment damage
- Multi-Current Versatility
 - 5 current ratings: 10A/15A/20A/30A/40A for flexible load matching
- Robust Construction
 - IP20 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

CQ B 58 - 40



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(In)	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 In
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

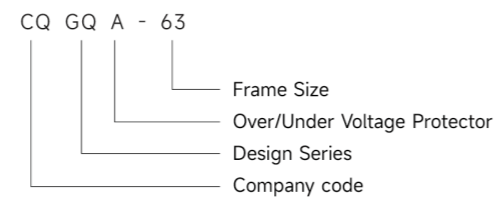
Over/Under Voltage & Over-Current Auto-Reclosing Protector



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

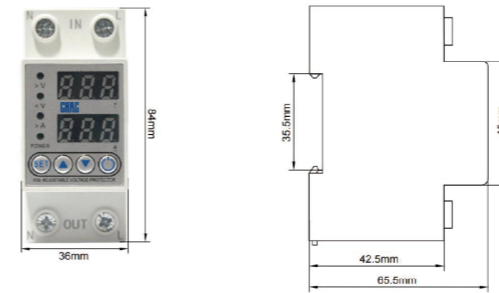


Technical Specifications

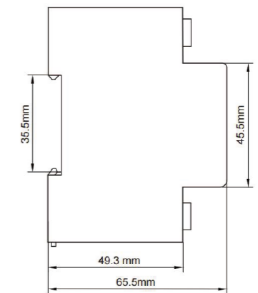
Parameter	
Number of Poles	1P+N, 3P+N
Rated Operational Voltage	AC220V
Rated Operational Current	1-40A Adjustable (Default 40A), 1-63A Adjustable (Default 63A), 1-80A Adjustable (Default 80A), 10-100A Adjustable (Default 100A)
Rated Operational Frequency	50Hz/60Hz
Over-voltage Trip Value	240V-300V Adjustable (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

Dimensions(mm)

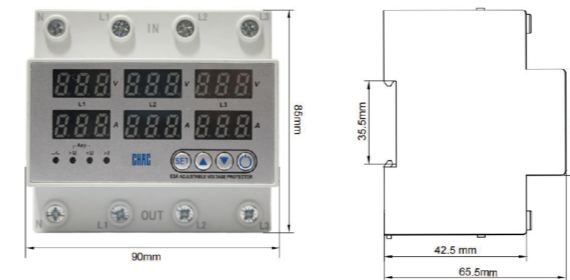
1P+N 40A/63A



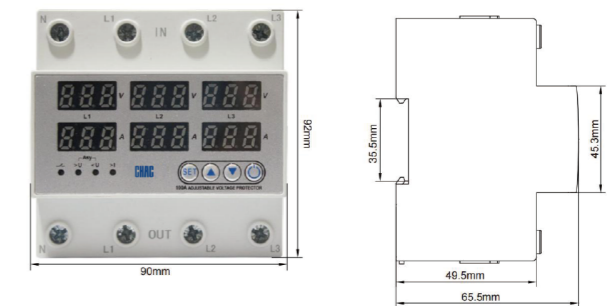
1P+N 80A/100A



3P+N 63A



3P+N 100A



CQGQS-63

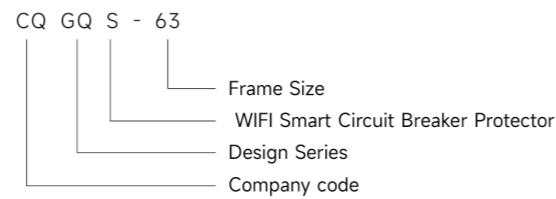
WiFi Smart Circuit Breaker Protector



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.

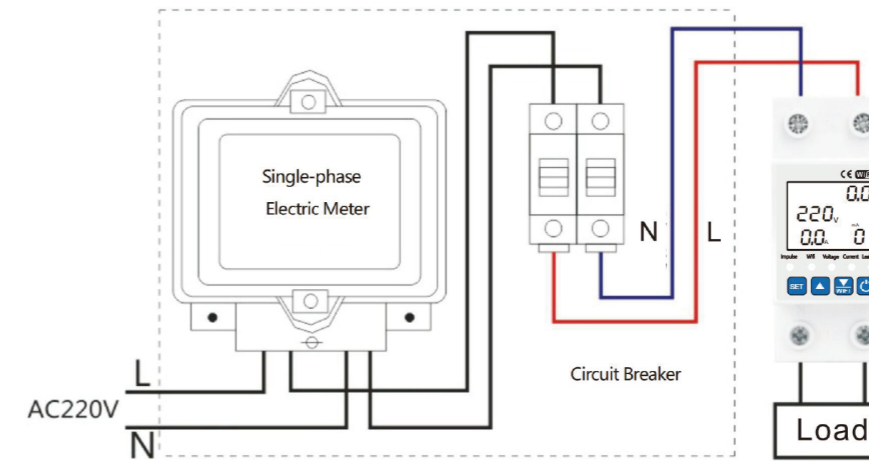
Type designation



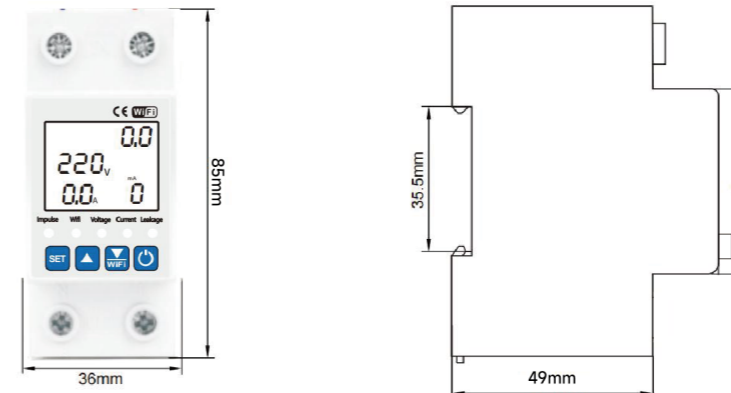
Technical Specifications

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)



CQMG10 Series

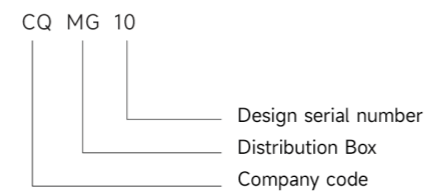
Plug-In Distribution Box



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

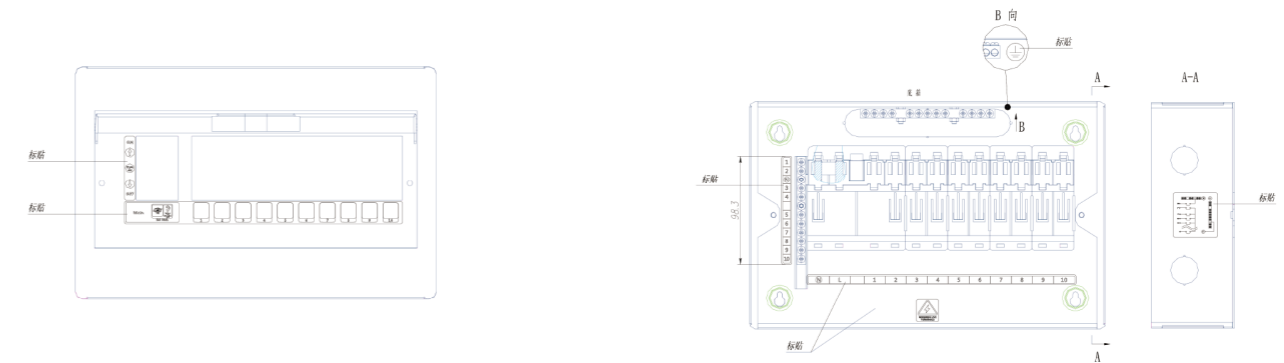


Technical Specifications

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

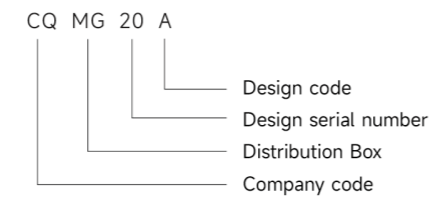
Distribution Box



Product Features

- Spacious & Easy to Install: Big panel and large internal space for quick wire connection.
- Sleek & Integrated Design: Simple, elegant, and even panel with minimalist aesthetics that blends with walls.
- Durable Construction: Made of high-quality, full plastic material for enhanced durability.
- Installation Flexibility: Supports both surface mounting and recessed mounting.

Type Designation

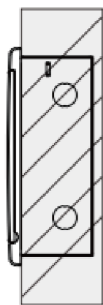


Technical Specifications

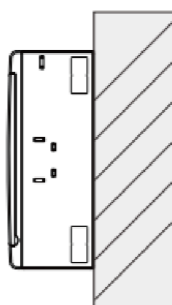
Model Number	Base Box Material	Color Option	Overall Size	Mounting Size	Carton	Carton Size
CQMG20A-04	Full Plastic (Plastic Base & Panel)	White/ Tea Transparent	160×139×76(mm)	180×159×90.5(mm)	30pcs/carton	510×493×395(mm)
CQMG20A-04M		White/ Tea Transparent	180×159×74(mm)	180×159×89(mm)	10pcs/carton	510×493×395(mm)
CQMG20A-07		White/ Tea Transparent	220×193×76(mm)	240×213×90.5(mm)	10pcs/carton	530×445×270(mm)
CQMG20A-10		White/ Tea Transparent	220×247×76(mm)	240×267×90.5(mm)	10pcs/carton	530×505×295(mm)
CQMG20A-14		White/ Tea Transparent	220×319×76(mm)	240×339×90.5(mm)	8pcs/carton	505×425×370(mm)
CQMG20A-18		White/ Tea Transparent	240×391×76(mm)	260×411×90.5(mm)	8pcs/carton	545×425×435(mm)
CQMG20A-22		White/ Tea Transparent	240×463×76(mm)	260×483×90.5(mm)	8pcs/carton	545×425×510 (mm)

Installation Instructions

Flush Mounted



Surface Mounted



CQMG20B Series

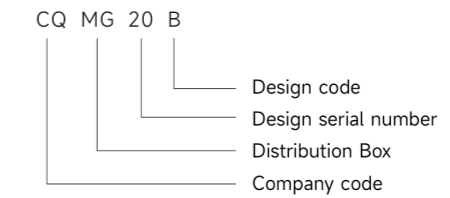
Distribution Box



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

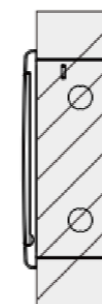


Technical Specifications

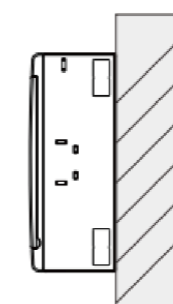
Model Number	Base Box Material	Color Option	Installation Instructions	Overall Size	Mounting Size	Carton	Carton Size
CQMG20B-28	Metal/ Plastic	White/ Tea Transparent	Flush Mounted	462×319×80(mm)	482×339×95(mm)	4pcs/carton	500×430×375(mm)
CQMG20B-36	Metal/ Plastic	White/ Tea Transparent	Flush Mounted	502×391×80(mm)	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

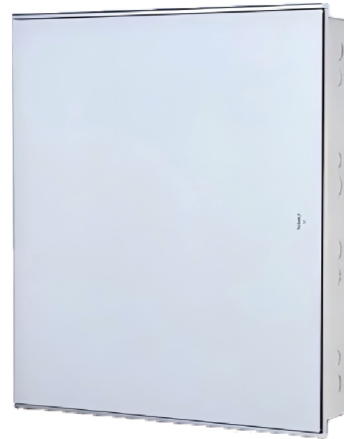


Surface Mounted



CQMG20C Series

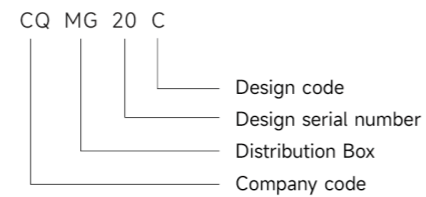
Distribution Box



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

CQMGU Series

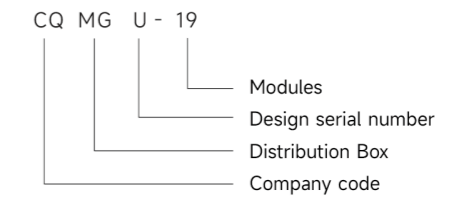
Distribution Box



Product Features

- Flexible Modular Layout
Configurable in 5, 8, 14, or 19 module ways, supporting single or double-row arrangements.
- Robust Steel Enclosure
Made of powder-coated cold-rolled steel for strength, corrosion resistance, and a clean finish.
- Easy Surface Mounting
Compliant with JB/T 7121; designed for quick installation on finished walls.
- Compact & Space-Efficient
Optimized dimensions for efficient use of space while ensuring safety and accessibility.

Type Designation



Technical Specifications

Parameter		
Rated Frequency	50/60 Hz	
Rated Operational Voltage (Ue)	AC 230/400 V	
Rated Current (In)	Up to 125 A	
Number of Ways (Modules)	5, 8, 14, 19	
Number of Rows	Single-row / Double-row	
Front Cover Material	High-quality cold-rolled steel sheet (powder-coated)	
Enclosure Material	High-quality cold-rolled steel sheet (powder-coated)	
Standard	JB/T 7121	
Overall Dimensions (W × H × D), Unit: mm	Modules	Surface Mounting
	5-module	187.4×261×122.5
	8-module	241×261×122.5
	14-module	342.6×261×122.5
	19-module	437.8×261×122.5
	19-module (Double-row)	437.8×531×122.5

CQMG03 Series

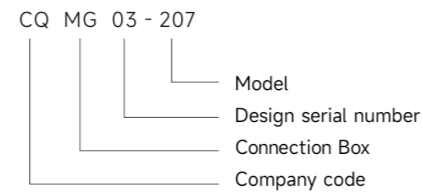
Distribution Block



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

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]

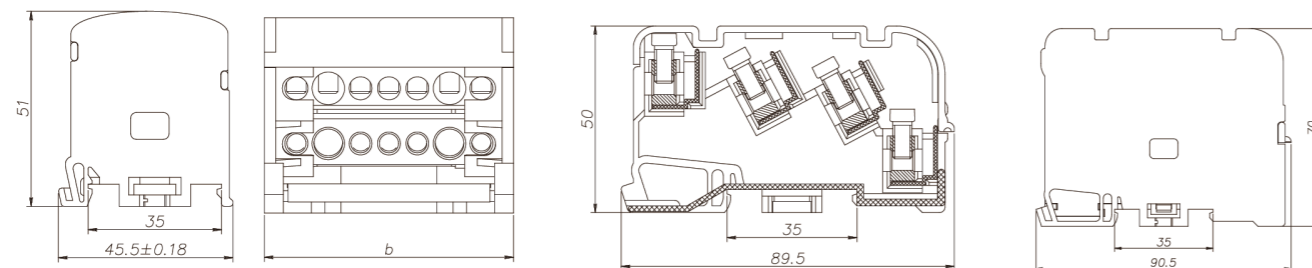
Ordering Example:

CQMG03-207 100 pcs

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)



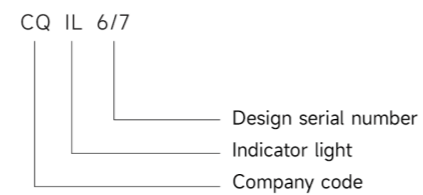
CQIL6/7 Indicator Light



Product Features

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

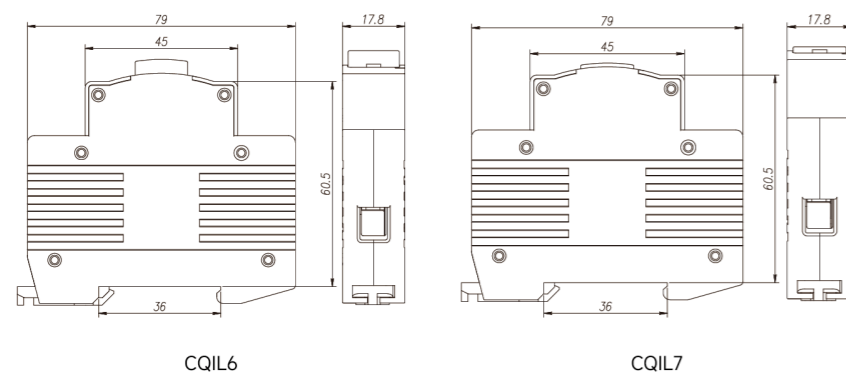
Type Designation



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

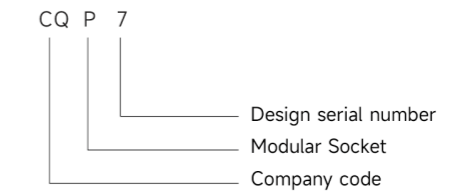
CQP7 Modular Socket



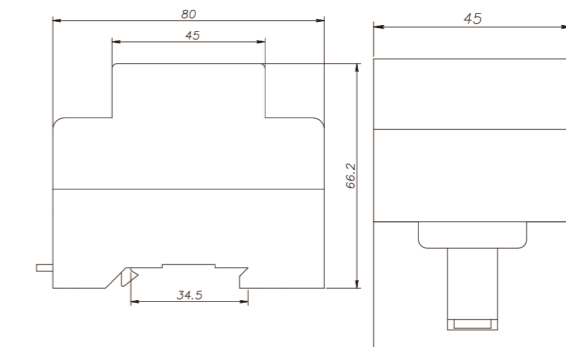
Product Features

- 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



CQP20-F



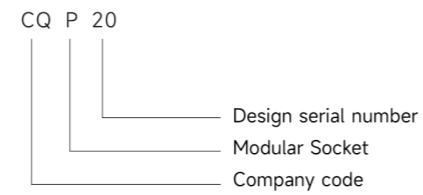
CQP20-GP



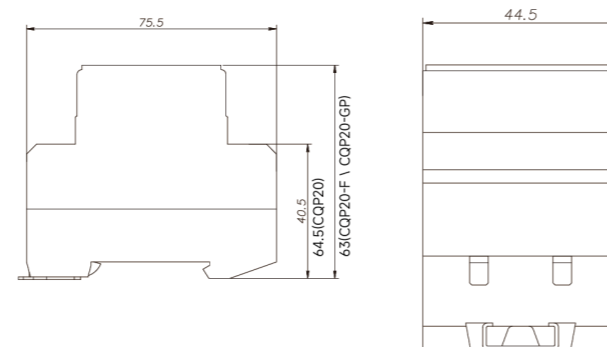
Product Features

- 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

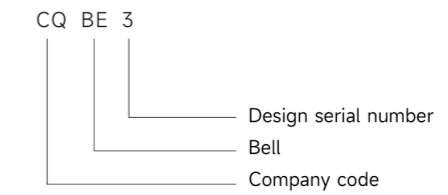
CQBE3 Bell



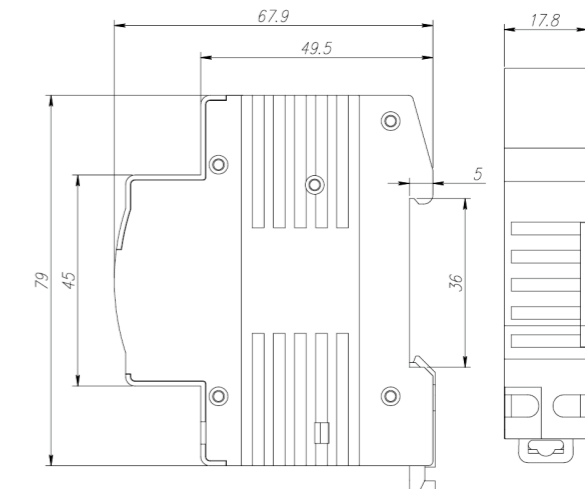
Product Features

- 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