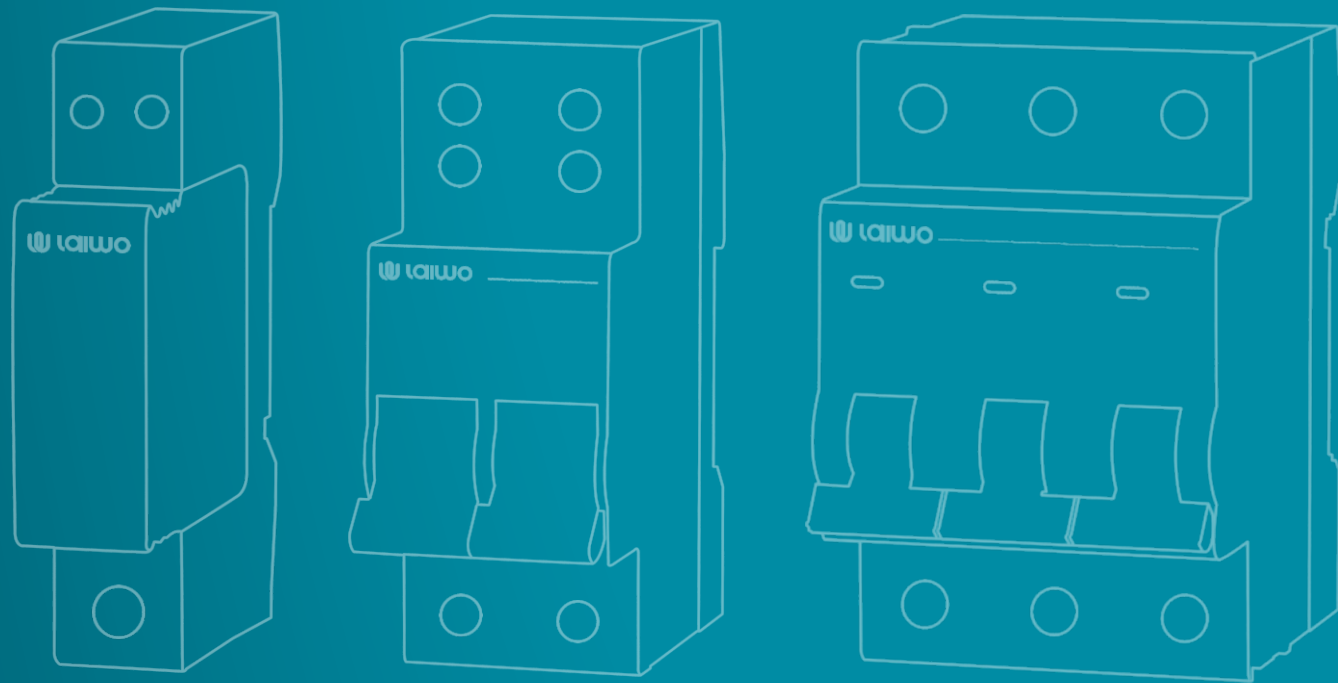




laiwo

WENZHOU LAIWO ELECTRICAL TECHNOLOGY CO., LTD

Whatsapp: +86-15067706272

E-mail: sales2@wosom.cn

Tel: +86-15067706272

Address: Unit 10, No.115, Xinguang Avenue, Liushi, Wenzhou, P.R.China

laiwo



PRODUCT SELECTION MANUAL



COMPANY PROFILE



NUMBER OF
EXPORTING COUNTRIES

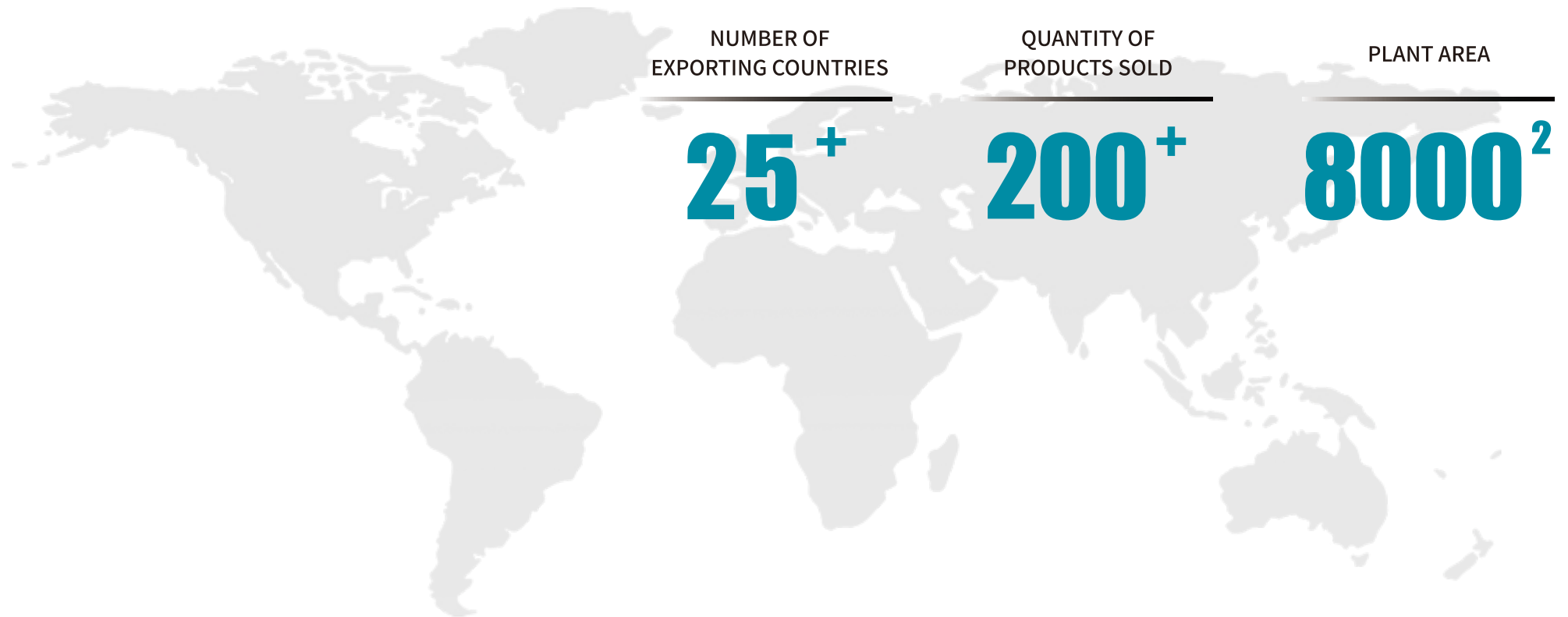
25⁺

QUANTITY OF
PRODUCTS SOLD

200⁺

PLANT AREA

8000²



One-stop
marketing
service

LAIWO ELECTRICAL TECHNOLOGY CO., LTD was established in 2002, headquartered in the global reputation of Liushi electric capital. As a company specializing in the development, production and sales of electrical products, we are committed to providing customers with high quality and reliable electrical solutions. The company's main products cover circuit breakers, isolating switches, surge protectors, fuses and other fields, these products play a vital role in a variety of electrical systems, can effectively protect equipment from power fluctuations and overload, to ensure the safe and stable operation of electrical systems. All products have passed the ISO9001 quality system certification, as well as CCC, CE, UKCA, TUV, C B, SEMKO and other certifications, to provide customers with high quality assurance. It owns the Levo Watson brand.

The company has always been adhering to the "customer first, quality first" business philosophy, committed to providing customers with high quality, reliable electrical solutions. We will also continue to optimize the service system, establish a perfect pre-sale, sale and after-sales service mechanism, fully meet customer needs, to provide you with a more convenient and efficient service experience. We are willing to listen to customers' opinions and suggestions, constantly improve and innovate, and grow together with you.

HONOR AND QUALIFICATION



Patent support, quality worry free

The company has a number of patent certificates, more surge products test report, as well as isolation switch, leakage circuit breaker, fuse, distribution box and other qualification certificates for quality escort. With innovative technology, Levo is the place for you to experience excellence.



30⁺

NUMBER OF CERTIFICATES



- CCC certification
- Quality management system certification
- Back protector test report
- Surge form test report
- CE certification
- SEMKO certification
- UKCA certification
- TUV certification



ENTERPRISE HISTORY



SET UP

June 2002

Wenzhou laiwo electrical technology co., ltd was established in dongfeng industrial zone of liushi city

DEVELOP

February 2009

Has a production base, established a modern factory located in Taizhou Sanmen

LEAP

November 2010

Expand overseas markets, set up a subsidiary in the UK, and enhance international competitiveness

OPTIMIZE

February 2020

The company launched the "laiwo" brand, focusing on brand building and marketing

CREATE

December 2021

Through the unremitting efforts of all employees, the company achieved a high performance in 2021

INNOVATE

Continuous innovation and progress, to provide customers with better products and services.

02 MCB RCD RCBO & MAIN SWITCH

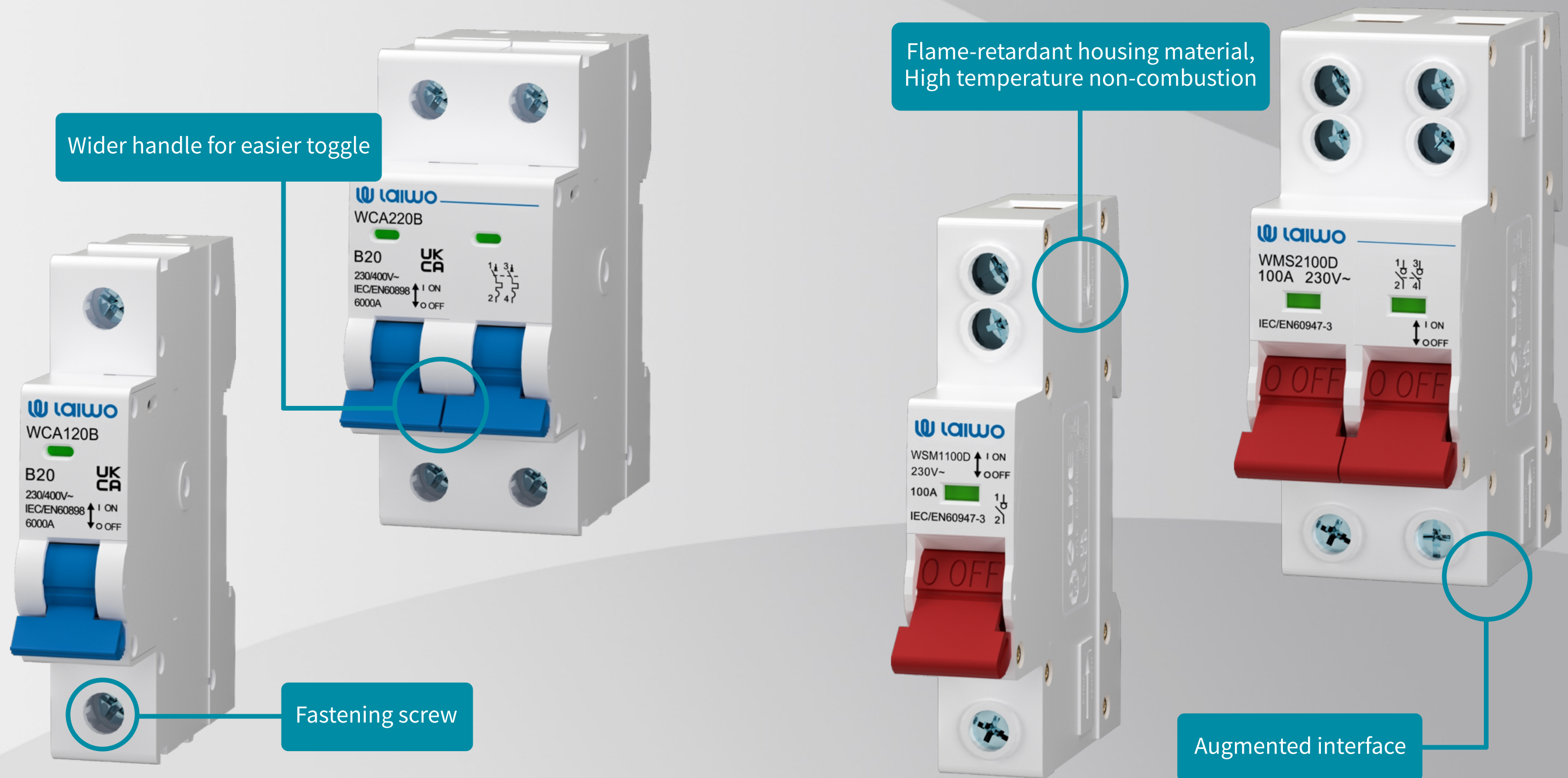
WCC Miniature Circuit Breakers	03
WCA Miniature Circuit Breakers	05
WCB Miniature Circuit Breakers	07
WCH Miniature Circuit Breakers	09
WCZ Miniature Circuit Breakers	10
WCP Miniature Circuit Breakers	12
WSM-100 Main Switch	13
WSM-125 Main Switch	14
WSM-125D Main Switch	15
WSM-250 Main Switch	16
WRD Type A/AC Residual Current Circuit Breaker	17
WRL-63 Type A/AC Residual Current Circuit Breaker	19
WRV Type B Residual Current Circuit Breaker	21
WRT Type A/AC Residual Current Circuit Breaker(Time Delay)	23
WRCA Type A /AC Standard RCBO	24
WRCS Type A/AC Mini RCBO	25
WRCN Type A/AC Mini RCBO(Neutral Line Switched)	26
WRCW Type A/AC Mini RCBO(Electromagnetic)	27
WRCB Type B Mini RCBO	28
WRCT Double Pole Type A/AC RCBO(Twin Switches)	29
WRCM Type A/AC Electromagnetic RCBO	30
WRCF Type A/AC Electromagnetic Mini RCBO	31
WAFD Type A/AC Arc Fault Detection Device With RCBO	32
WiFi Din Rail Switch	33

PRODUCT CATALOG





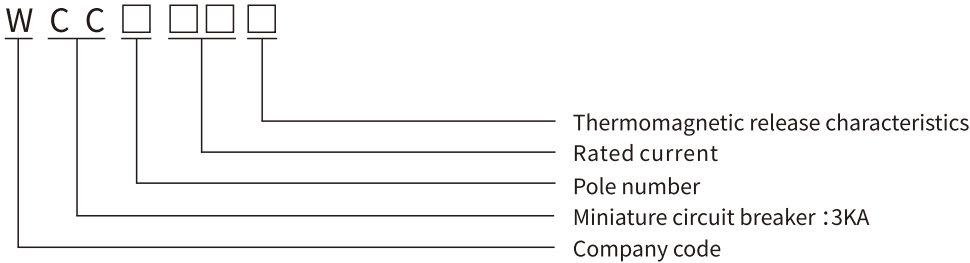
MCB RCD RCBO & MAIN SWITCH



WCC Miniature Circuit Breakers



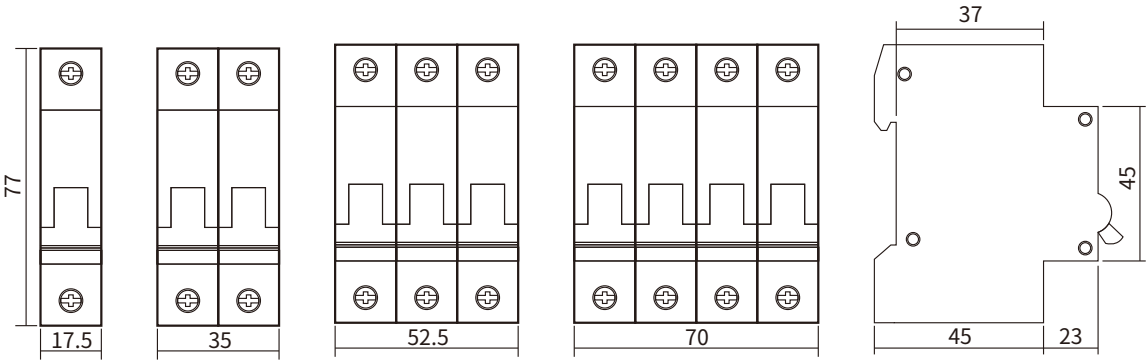
Product model meaning



Product characteristics

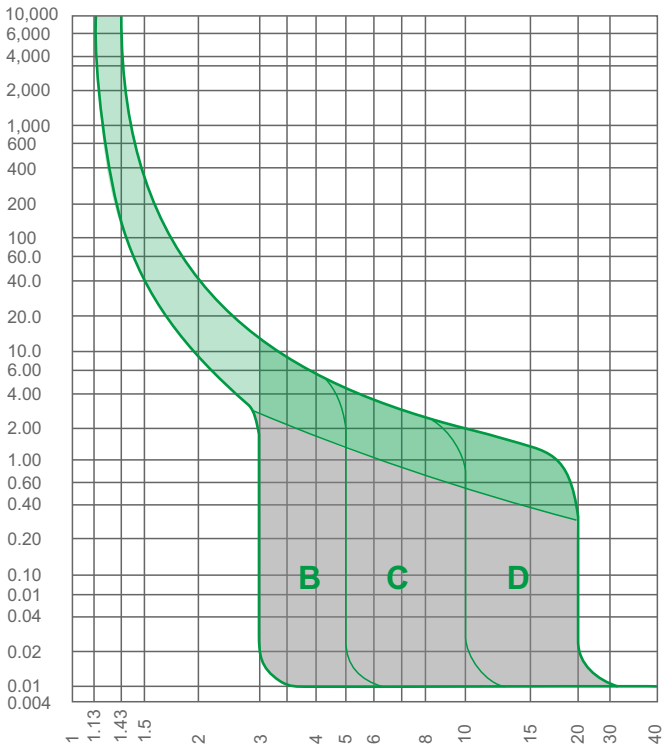
- Rated current In (A) :6,10,16,20,25,32,40,50,63
- Poles: 1P,2P,3P,4P
- Rated voltage Ue(AC): 230/400V
- Rated frequency: 50/60Hz
- Insulation volage Ui: 500V
- Rated breaking capacity(A): 3KA
- Rated impulse withstand voltage(1.2/50) Uimp (V): 4000
- Dielectric test voltage at ind. Frq for 1 min (KV) : 2
- Ambient temperature with daily average ≤35 °C: -5~+40
- Thermomagnetic release characteristic: B,C,D
- Electrical life: 8,000
- Contact position degree: IP20
- Storage temperature(°C) : -25~+70)
- Reference temperature for setting of thermal element (°C): 30

Product selection



Product model	Description	Box Qty
WCC106B~163B	1Pole 6Amps-63Amps B Curve 3kA MCB	12
WCC206B~263B	2Pole 6Amps-63Amps B Curve 3kA MCB	6
WCC306B~363B	3Pole 6Amps-63Amps B Curve 3kA MCB	4
WCC406B~463B	4Pole 6Amps-63Amps B Curve 3kA MCB	3
WCC106C~163C	1Pole 6Amps-63Amps C Curve 3kA MCB	12
WCC206C~263C	2Pole 6Amps-63Amps C Curve 3kA MCB	6
WCC306C~363C	3Pole 6Amps-63Amps c curve 3kA MCB	4
WCC406C~463C	4Pole 6Amps-63Amps C Curve 3kA MCB	3
WCC106D~163D	1Pole 6Amps-63Amps D Curve 3kA MCB	12
WCC206D~263D	2Pole 6Amps-63Amps D Curve 3kA MCB	6
WCC306D~363D	3Pole 6Amps-63Amps D Curve 3kA MCB	4
WCC406D~463D	4Pole 6Amps-63Amps D Curve 3kA MCB	3

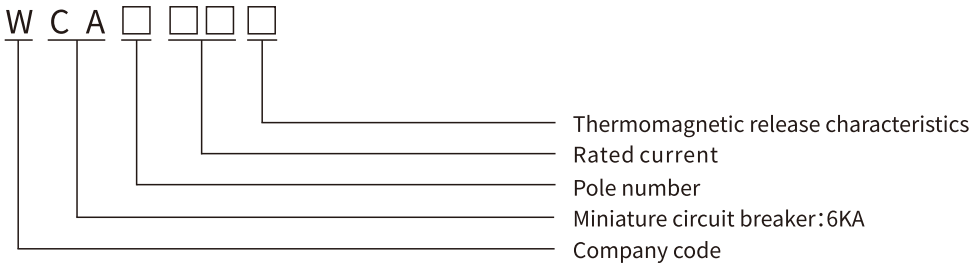
Product curve



WCA Miniature Circuit Breakers



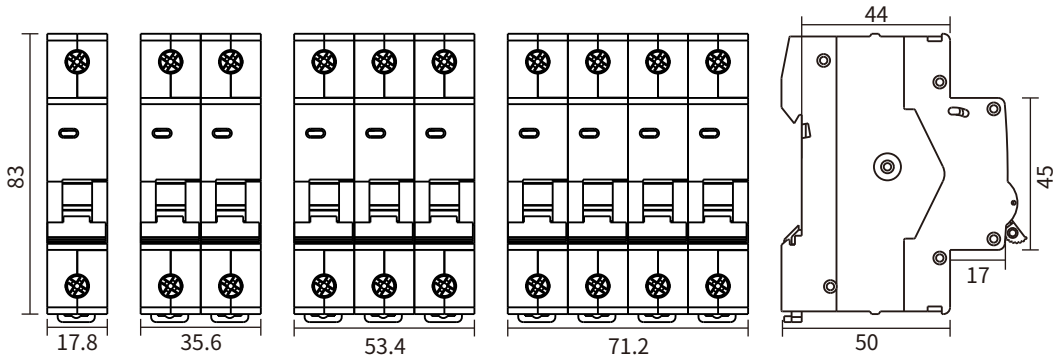
Product model meaning



Product characteristics

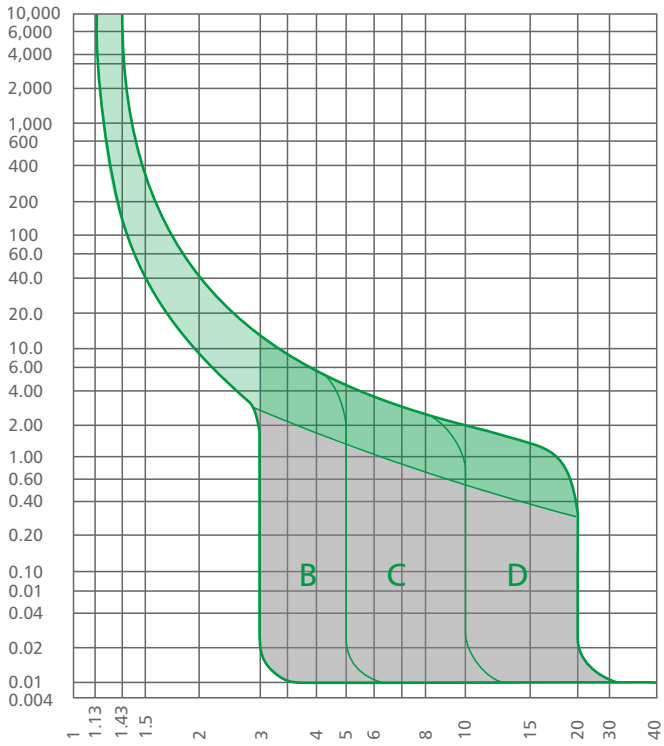
- Rated current In (A) :6,10,16,20,25,32,40,50,63
- Poles: 1P,2P,3P,4P
- Rated voltage Ue(AC): 230/400V
- Rated frequency: 50/60Hz
- Insulation voltage Ui: 500V
- Rated breaking capacity(A): 6KA
- Rated impulse withstand voltage(1.2/50) Uimp (V): 4000
- Dielectric test voltage at ind. Frq for 1 min (KV) : 2
- Ambient temperature with daily average $\leq 35^{\circ}\text{C}$: $-5^{\circ}\text{C}\sim +40^{\circ}\text{C}$
- Thermomagnetic release characteristic: B,C,D
- Electrical life: 8,000
- Contact position degree: IP20
- Storage temperature($^{\circ}\text{C}$): $-25^{\circ}\text{C}\sim +70^{\circ}\text{C}$
- Reference temperature for setting of thermal element ($^{\circ}\text{C}$): 30

Product selection



Product model	Description	Box Qty
WCA106B~163B	1Pole 6Amps-63Amps B Curve 6kA MCB	12
WCA206B~263B	2Pole 6Amps-63Amps B Curve 6kA MCB	6
WCA306B~363B	3Pole 6Amps-63Amps B Curve 6kA MCB	4
WCA406B~463B	4Pole 6Amps-63Amps B Curve 6kA MCB	3
WCA106C~163C	1Pole 6Amps-63Amps C Curve 6kA MCB	12
WCA206C~263C	2Pole 6Amps-63Amps C Curve 6kA MCB	6
WCA306C~363C	3Pole 6Amps-63Amps C Curve 6kA MCB	4
WCA406C~463C	4Pole 6Amps-63Amps C Curve 6kA MCB	3
WCA106D~163D	1Pole 6Amps-63Amps D Curve 6kA MCB	12
WCA206D~263D	2Pole 6Amps-63Amps D Curve 6kA MCB	6
WCA306D~363D	3Pole 6Amps-63Amps D Curve 6kA MCB	4
WCA406D~463D	4Pole 6Amps-63Amps D Curve 6kA MCB	3

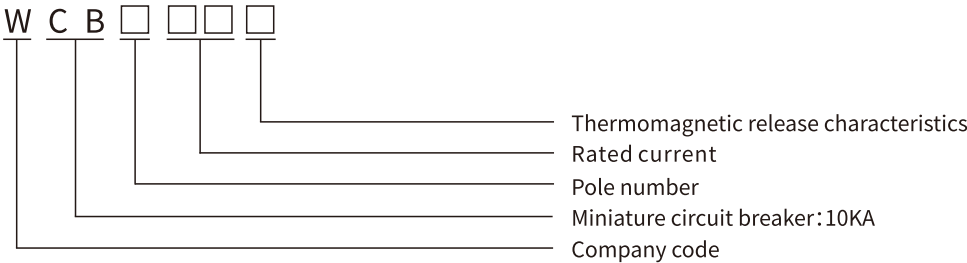
Product curve



WCB Miniature Circuit Breakers



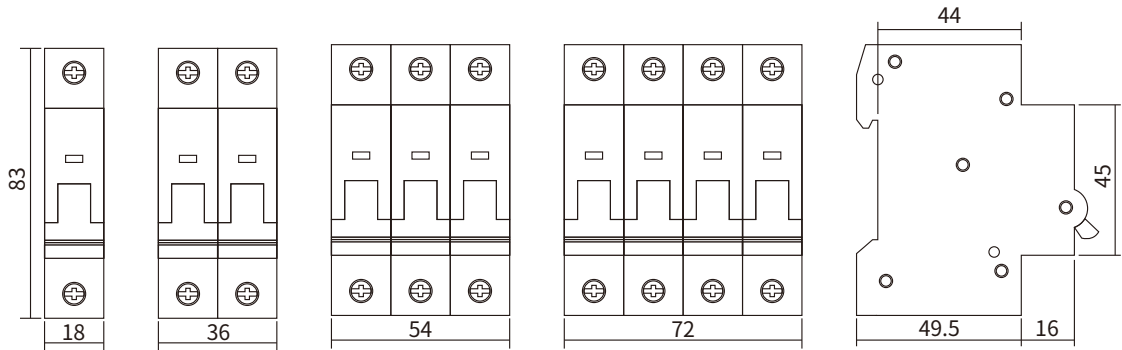
Product model meaning



Product characteristics

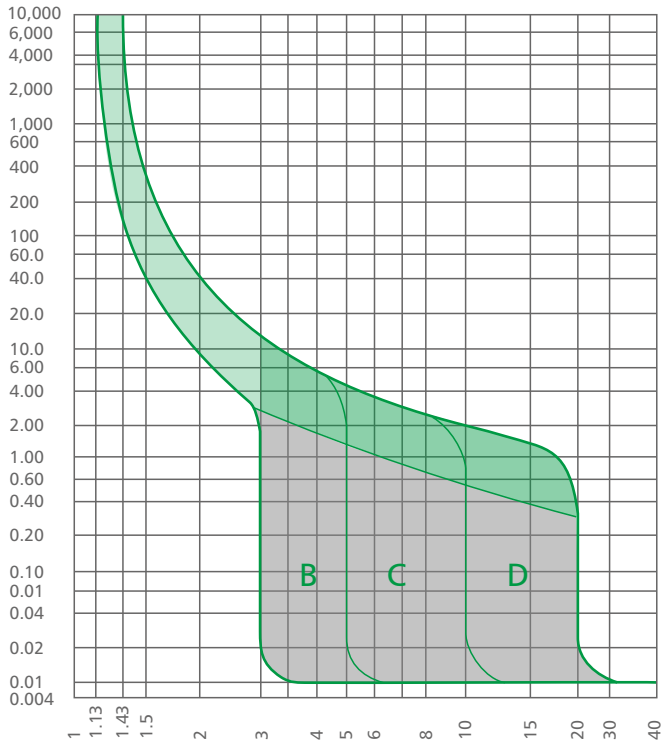
- Rated current In (A) :6,10,16,20,25,32,40,50,63
- Poles: 1P,2P,3P,4P
- Rated voltage Ue(AC): 230/400V
- Rated frequency: 50/60Hz
- Insulation volage Ui: 500V
- Rated breaking capacity(A): 10KA
- Rated impulse withstand voltage(1.2/50) Uimp (V): 4000
- Dielectric test voltage at ind. Frq for 1 min (KV) : 2
- Thermomagnetic release characteristic: B,C,D
- Electrical life: 8,000
- Mechanical life: 20,000
- Contact position degree: IP20
- Reference temperature for setting of thermal element (°C):30
- Ambient temperature with daily average ≤35 °C:-5~+40
- Storage temperature(°C):-25~+70)

Product selection

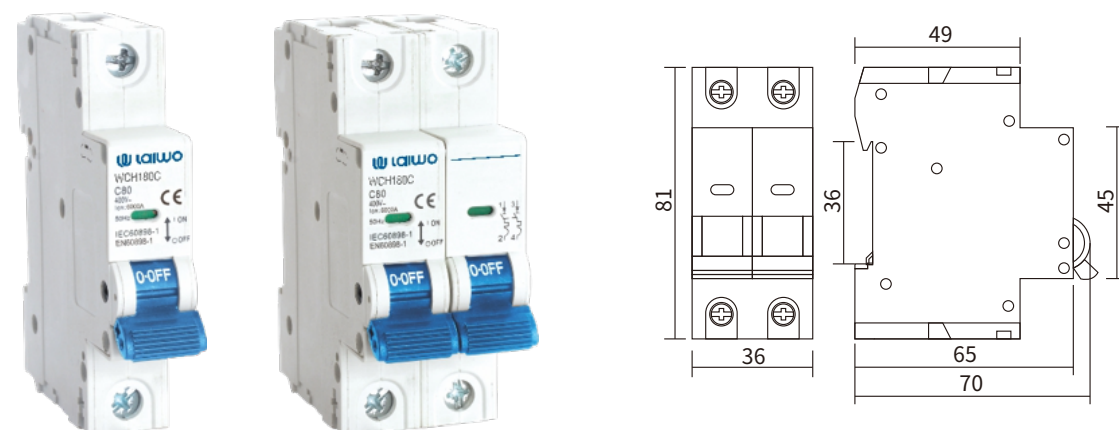


Product model	Description	Box Qty
WCB106B~163B	1Pole 6Amps-63Amps B Curve 10kA MCB	12
WCB206B~263B	2Pole 6Amps-63Amps B Curve 10kA MCB	6
WCB306B~363B	3Pole 6Amps-63Amps B Curve 10kA MCB	4
WCB406B~463B	4Pole 6Amps-63Amps B Curve 10kA MCB	3
WCB106C~163C	1Pole 6Amps-63AmpscCurve 10kA MCB	12
WCB206C~263C	2Pole 6Amps-63Amps C Curve 10kA MCB	6
WCB306C~363C	3Pole 6Amps-63Amps C Curve 10kA MCB	4
WCB406C~463C	4Pole 6Amps-63Amps c Curve 10kA MCB	3
WCB106D~163D	1Pole 6Amps~63Amps D Curve 10kA MCB	12
WCB206D~263D	2Pole 6Amps-63Amps D Curve 10kA MCB	6
WCB306D~363D	3Pole 6Amps-63Amps D Curve 10kA MCB	4
WCB406D~463D	4Pole 6Amps-63Amps D Curve 10kA MCB	3

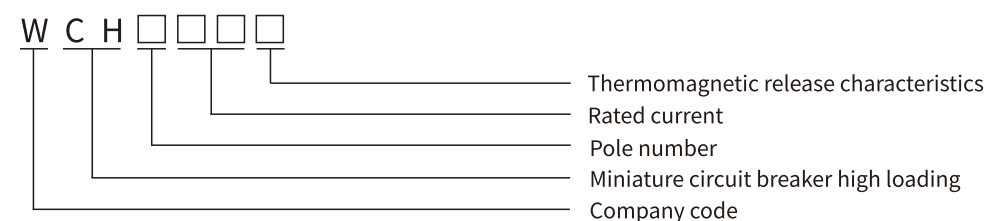
Product curve



WCH Miniature Circuit Breakers



Product model meaning



Product characteristics

- Rated current I_n (A): 80, 100
- Rated voltage U_e (AC): 240/415V
- Insulation voltage U_i : 500V
- Thermomagnetic release characteristic: B, C, D
- Mechanical life: 20,000
- Ambient temperature(with daily average $\leq 35^\circ\text{C}$): $-5\sim+40$
- Storage temperature($^\circ\text{C}$): $-25\sim+70$
- Poles: 1P, 2P, 3P
- Rated frequency: 50/60Hz
- Rated breaking capacity(A): 6 kA
- Electrical life: 8,000
- Contact position degree: IP20

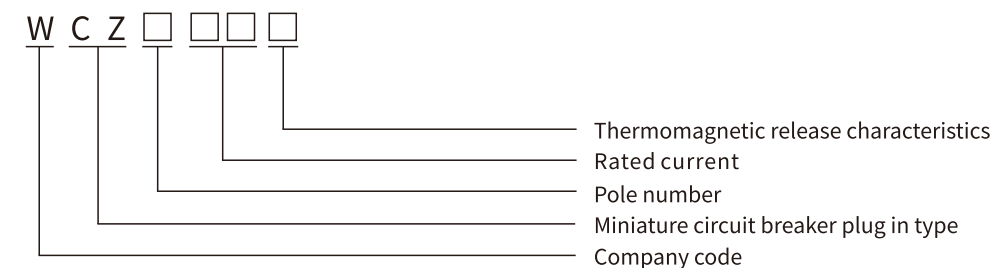
Product selection

Product model	Description	Box Qty
WCH180B-100B	1 Pole 80Amps-100Amps B Curve MCB	12
WCH280B-2100B	2 Pole 80Amps-100Amps B Curve MCB	6
WCH380B-3100B	3 Pole 80Amps-100Amps B Curve MCB	4
WCH180C-100C	1 Pole 80Amps-100Amps C Curve MCB	12
WCH280C-2100C	2 Pole 80Amps-100Amps C Curve MCB	6
WCH380C-3100C	3 Pole 80Amps-100Amps C Curve MCB	4
WCH180D-100D	1 Pole 80Amps-100Amps D Curve MCB	12
WCH280D-2100D	2 Pole 80Amps-100Amps D Curve MCB	6
WCH380D-3100D	3 Pole 80Amps-100Amps D Curve MCB	4

WCZ Miniature Circuit Breakers



Product model meaning



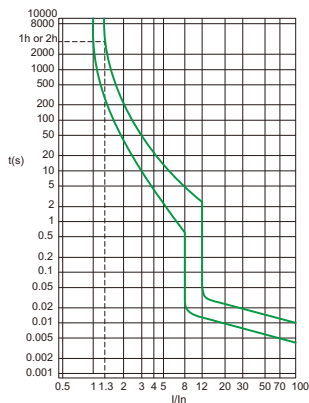
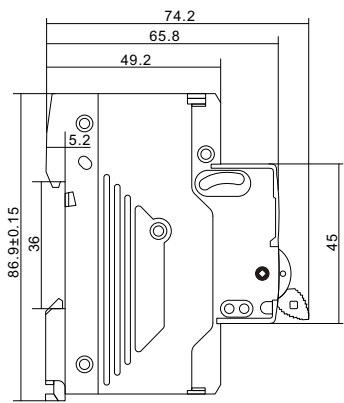
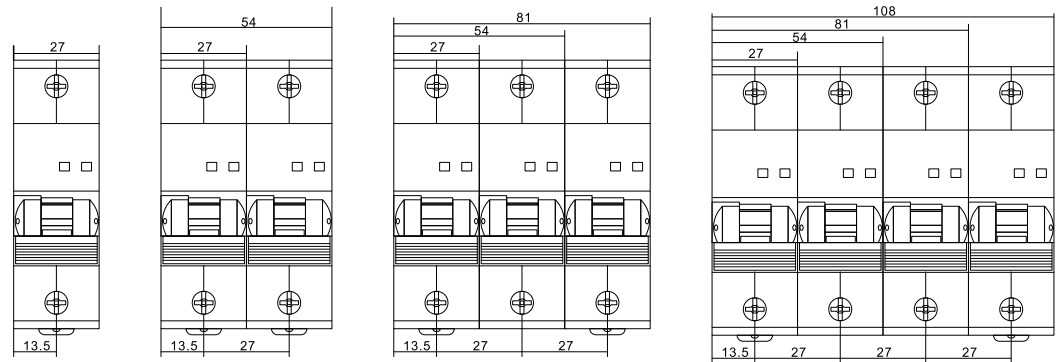
Product introduction

WCZ MCB is suitable for overload and short circuit protection under AC 50/60Hz ,rated voltage 230/400Vand current rating no more than 125A.This circuit breaker can also be used for infrequent switching of circuits.

Product characteristics

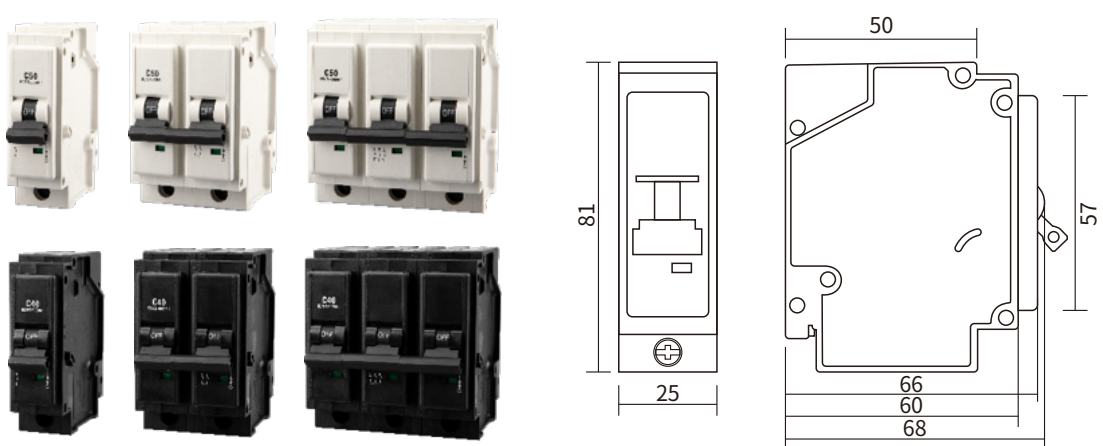
- Poles: 1P, 2P, 3P, 4P
- Rated voltage: AC400V;
- Rated current: 80A, 100A, 125A.
- Rated insulation voltage: 500V;
- Impulse withstand voltage: 6kV;
- Thermal trip benchmark setting temperature: 30°C
- Tripping characteristics: B/C /D ;
- Breaking capacity: 10kA;
- Terminal capacity: 50mm².
- Isolation function: Contact status indicator with red green color
- Current protection action characteristics
- Operational environment
 - Air temperature: -5°C to 40°C ;
 - The average temperature within 24 hours shall not exceed $+35^\circ\text{C}$;
 - The altitude of the installation site generally does not exceed 2000m;
 - Pollution level: II
 - Installation category: II 、 III

Product selection

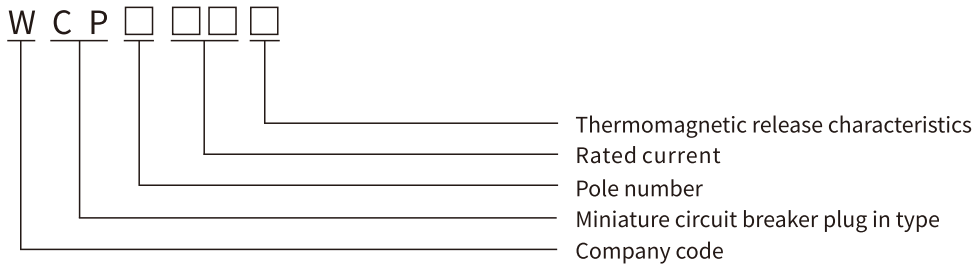


Product model	Description	Box Qty
WCZ180B-1125B	1 Pole 80Amps - 125Amps B curve MCB	12
WCZ280B-2125B	2 Pole 80Amps - 125Amps B curve MCB	6
WCZ380B-3125B	3 Pole 80Amps - 125Amps B curve MCB	4
WCZ480B-4125B	4 Pole 80Amps - 125Amps B curve MCB	3
WCZ180C-1125C	1 Pole 80Amps - 125Amps C curve MCB	12
WCZ280C-2125C	2 Pole 80Amps - 125Amps C curve MCB	6
WCZ380C-3125C	3 Pole 80Amps - 125Amps C curve MCB	4
WCZ480C-4125C	4 Pole 80Amps - 125Amps C curve MCB	3

WCP Miniature Circuit Breakers



Product model meaning



Product characteristics

- Rated current I_n (A) :6,10,16,20,25,32,40,50,63
- Poles: 1P,2P,3P
- Rated voltage $U_e(AC)$: 230/400V
- Rated frequency: 50/60Hz
- Insulation voltage U_i : 500V
- Rated breaking capacity(A): 6KA
- Rated impulse withstand voltage(1.2/50) U_{imp} (V): 4000
- Dielectric test voltage at ind. Frq for 1 min (KV) : 2
- Ambient temperature(with daily average $\leq 35^\circ C$: -5~+40)
- Thermomagnetic release characteristic: B,C
- Electrical life: 8,000
- Contact position degree: IP20
- Storage temperature($^\circ C$): -25~+70)
- Reference temperature for setting of thermal element ($^\circ C$):30

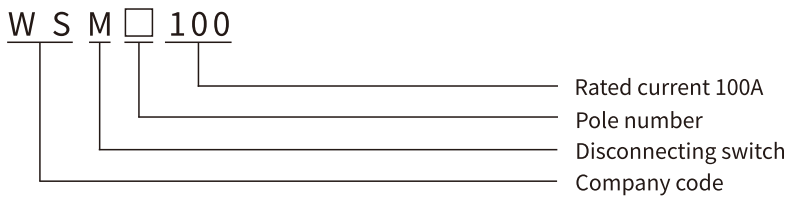
Product selection

Product model	Description	Box Qty
WCP106B~163B	1Pole 6Amps~63Amps B Curve 6kA MCB	12
WCP206B~263B	2Pole 6Amps~63Amps B Curve 6kA MCB	6
WCP306B~363B	3Pole 6Amps~63Amps B Curve 6kA MCB	4
WCP406B~463B	4Pole 6Amps~63Amps B Curve 6kA MCB	3
WCP106C~163C	1Pole 6Amps~63Amps C Curve 6kA MCB	12
WCP206C~263C	2Pole 6Amps~63Amps C Curve 6kA MCB	6
WCP306C~363C	3Pole 6Amps~63Amps C Curve 6kA MCB	4
WCP406C~463C	4Pole 6Amps~63Amps C Curve 6kA MCB	3

WSM-100 Main Switch



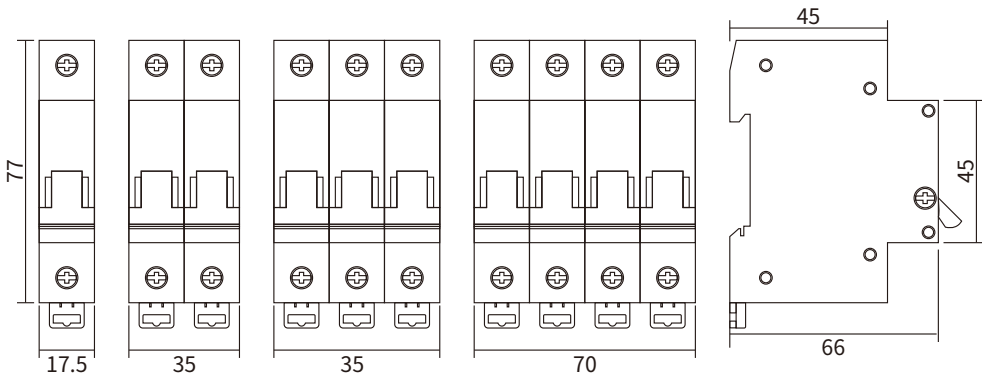
Product model meaning



Product characteristics

- 100A Rated Current
- 230/400V Rated Voltage
- 10,000 Cycles Electrical Life
- 10,000 Operations Mechanical Life
- BS EN60947-3 Compliant

Product selection

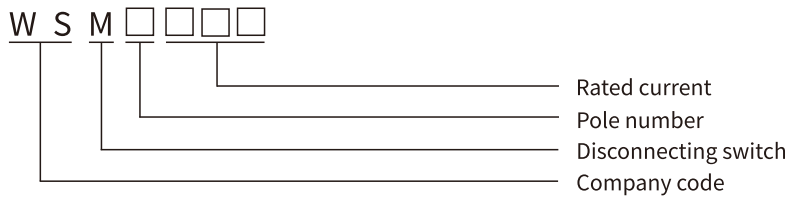


Product model	Description
WSM1100	1Pole 100A
WSM2100	2Pole 100A
WSM3100	3Pole 100A
WSM4100	4Pole 100A

WSM-125 Main Switch



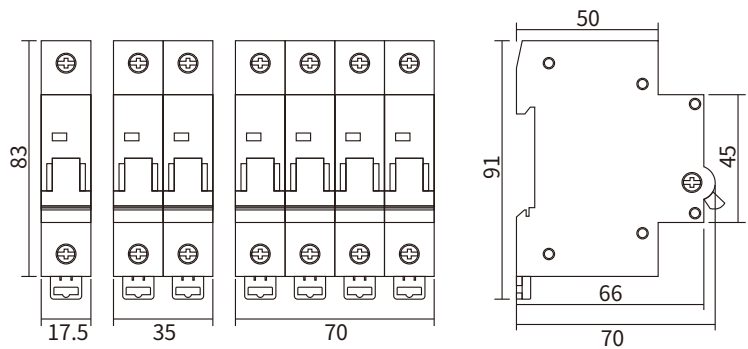
Product model meaning



Product characteristics

- 100/125A Rated Current
- 230/400V Rated Voltage
- 10,000 Cycles Electrical Life
- 10,000 Operations Mechanical Life
- BS EN60947-3 Compliant

Product selection

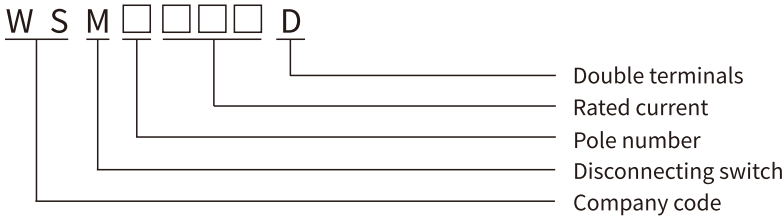


Product model	Description
WSM1100	1Pole 100A
WSM2100	2Pole 100A
WSM3100	3Pole 100A
WSM4100	4Pole 100A
WSM1125	1Pole 125A
WSM2125	2Pole 125A
WSM3125	3Pole 125A
WSM4125	4Pole 125A

WSM-125D Main Switch



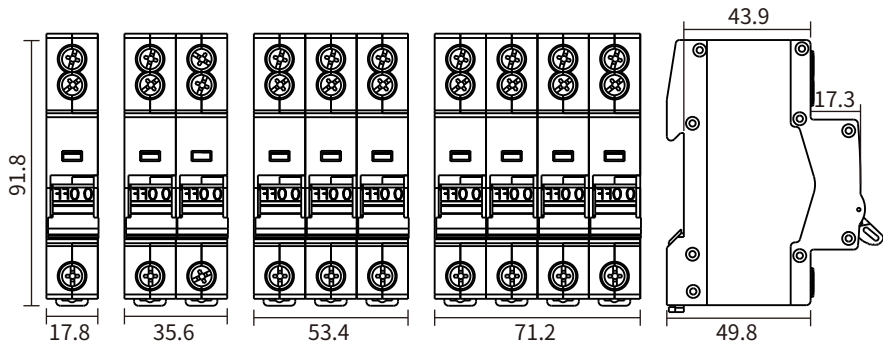
Product model meaning



Product characteristics

- 100/125A Rated Current
- 230/400V Rated Voltage
- Double Wiring Terminal
- BS IEC/EN 60947-3 Compliant

Product selection

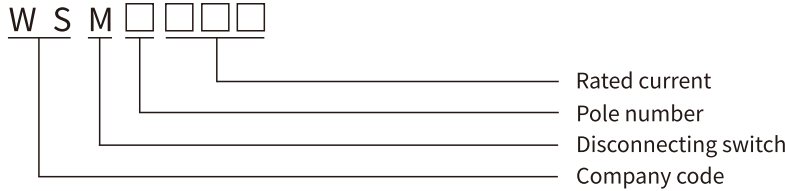


Product model	Description	Box Qty
WSM1100D	1 Pole 100A Double Wiring Terminal	12
WSM2100D	2 Pole 100A Double Wiring Terminal	6
WSM3100D	3 Pole 100A Double Wiring Terminal	6
WSM4100D	4 Pole 100A Double Wiring Terminal	3
WSM1125D	1 Pole 125A Double Wiring Terminal	12
WSM2125D	2 Pole 125A Double Wiring Terminal	6
WSM3125D	3 Pole 125A Double Wiring Terminal	3
WSM4125D	4 Pole 125A Double Wiring Terminal	1

WSM-250 Main Switch



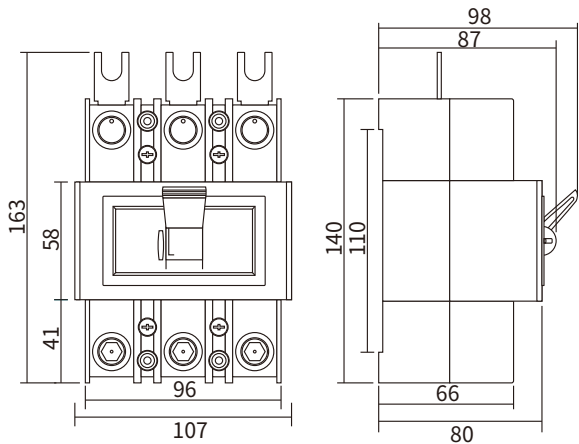
Product model meaning



Product characteristics

- 250A Rated Current
- 230/400V Rated Voltage
- 10,000 Cycles Electrical Life
- 10,000 Operations Mechanical Life
- BS EN60947-3 Compliant

Product selection

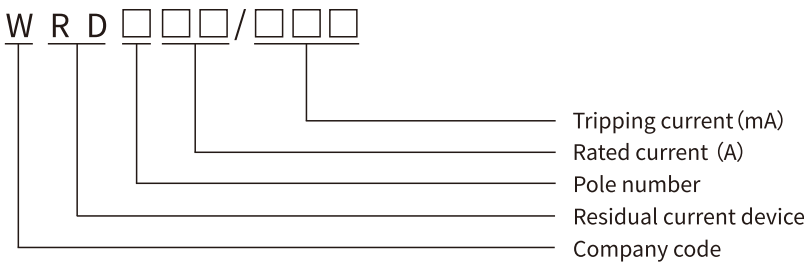


Product model	Description	Box Qty
WSM3250	3Pole 250A	1

WRD Type A/AC Residual Current Circuit Breaker



Product model meaning



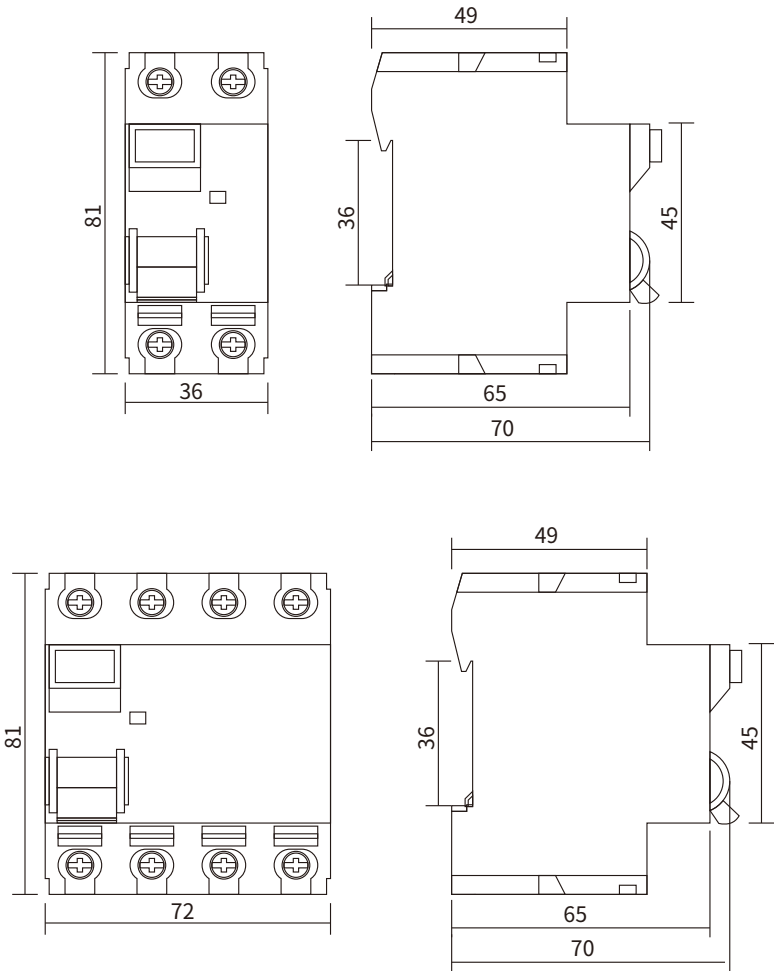
Product introduction

Smooth DC residual currents can occur in industrial, commercial and residential applications which contain photovoltaic systems, frequency converters or electronic devices. Our type B RCCB can detect DC fault currents, which can occur in frequency inverter controls, photovoltaic systems as well as through electronics used in households. They can detect residual current faults comprising of pure AC up to 1000 hertz, rectified AC, pure DC and pulsating DC, and increases safety considerably. They comply with IEC/EN 61008-1 and IEC/EN 62423.

Product characteristics

- Pole No.: 2, 4
- Rated current(A): 25 40 63 80 100A
- Rated voltage: 240/415V AC
- Rated frequency: 50/60Hz
- Rated residual operating current I_{Δ} (mA):30,100
- Rated residual non operating current: $0.5I_{\Delta}n$
- Rated conditional breaking current Inc: 6000A
- Tripping duration Instantaneous tripping $\leq 0.1s$
- Residual tripping current range: $0.5I_{\Delta}n \sim I_{\Delta}n$
- Electro-mechanical endurance:4000 cycles
- Connection capacity Rigid conductor up to 25mm²
- Connection terminal Screw terminal
- Pillar terminal with clamp
- Fastening torque 2.0 Nm
- Installation: On symmetrical DIN rail 35mm
- Panel mounting

Product selection

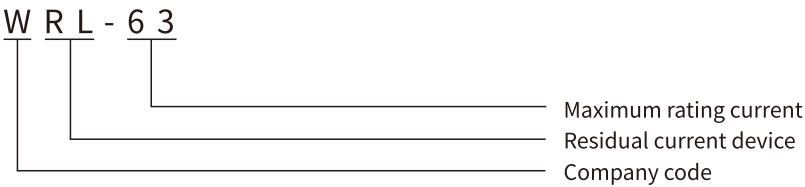


Product model	Description	Box Qty
WRD225~2100/030	2Pole 25Amps~100Amps 30mA high immunity RCD	60
WRD225~2100/100	2Pole 25Amps~100Amps 100mA high immunity RCD	60
WRD225~2100/300	2Pole 25Amps~100Amps 300mA high immunity RCD	60
WRD425~4100/030	4Pole 25Amps~100Amps 30mA high immunity RCD	30
WRD425~4100/100	4Pole 25Amps~100Amps 100mA high immunity RCD	30
WRD425~4100/300	4Pole 25Amps~100Amps 300mA high immunity RCD	30

WRL-63 Type A/AC Residual Current Circuit Breaker



Product model meaning

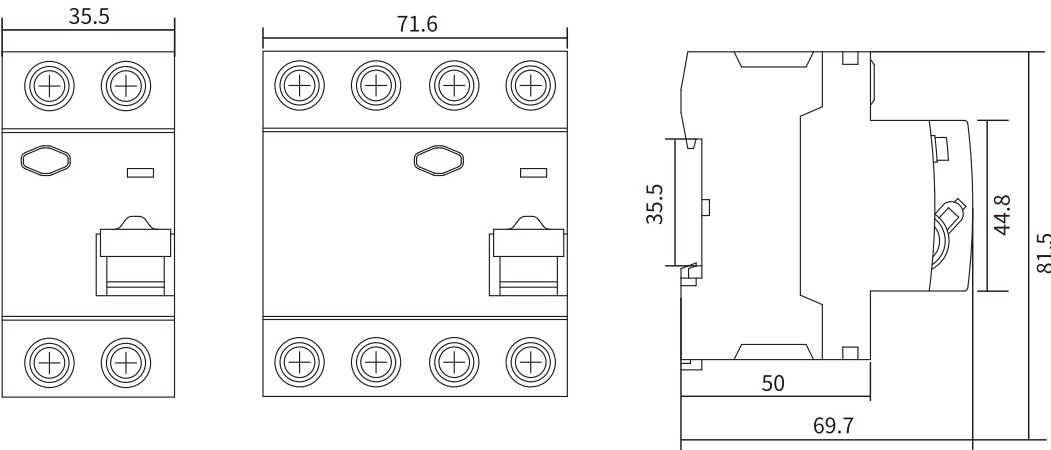


Product characteristics

WRL-63 series RCCB(without overcurrent protection)applies to AC 50Hzrated voltage 240V 2 poles, 415V 4 poles, rated current up to 63A. Whenelectric shock occurs to human or leakage current in grid exceeds stipulatedvalues, RCCB cuts off the fault power in a very short time to protect thesafety of human and electrical equipments.It can also function as nonfrequently switching of circuits.

- Application:
Industry and commercial buildings, high-rise buildings and residential housesetc.
- Conforms to standard:
IEC/EN 61008-1

Product selection

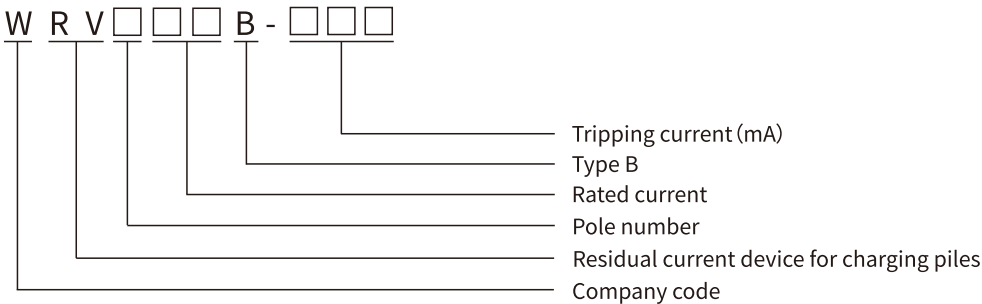


Type	Values
Rated voltage Un	240V~1P+N,415V~3P+N
Rated current In	16A,20A,25A,32A,40A,50A,63A
Rated residual operated current I△n	0.03A,0.1A,0.3A
Poles	1P+N,3P+N
Duty type as per DC component	AC,A
Rated limited short circuit current Inc	6000A
Rated limited residual short circuit current I△c	6000A
Rated making and breaking capacity Im	500A(In≤50A),630A(In=63A)
Rated residual making and breaking capacity I△m	500A(In≤50A),630A(In =63A)
Rated residual non-operated current I△no	0.5I△n
Rated insulation voltage Ui	500V
Rated impulse withstand voltage Uimp	4000V
Tightening torque	3.0N.m
Electrical life	2000 Times
Mechanical life	3000 Times
Operated ambient temperature℃	-25~+40
Stored ambient temperature℃	-25~+70
Pollution level	2
Protection level	IP20
Mounting type	II

WRV Type B Residual Current Circuit Breaker



Product model meaning



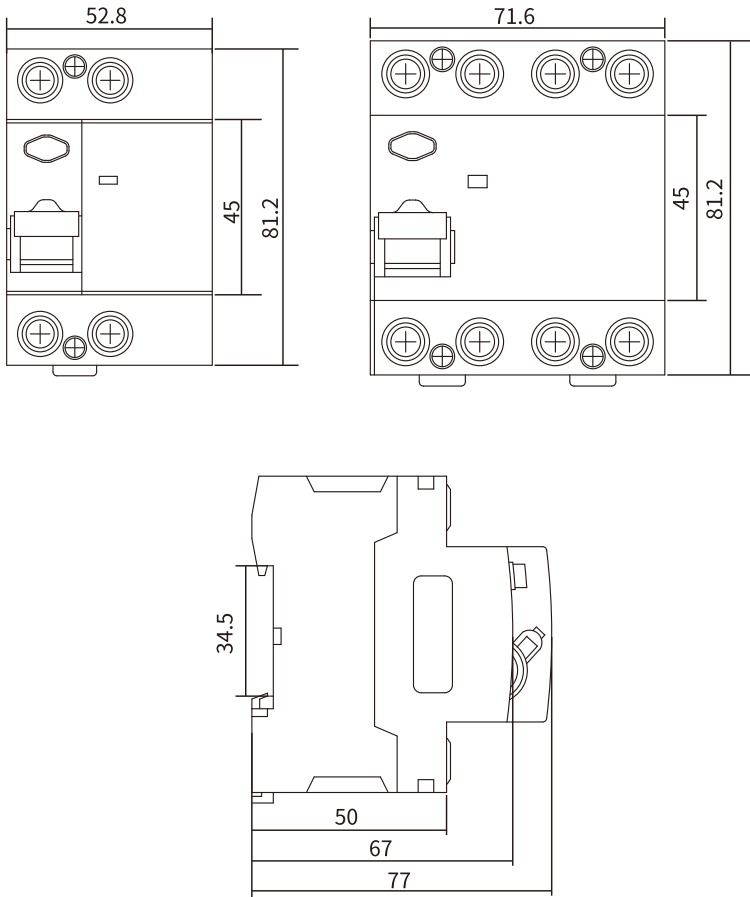
Product introduction

Smooth DC residual currents can occur in industrial, commercial and residential applications which contain photovoltaic systems, frequency converters or electronic devices. Our type B RCCB can detect DC fault currents, which can occur in frequency inverter controls, photovoltaic systems as well as through electronics used in households. They can detect residual current faults comprising of pure AC up to 1000 hertz, rectified AC, pure DC and pulsating DC, and increases safety considerably. They comply with IEC/EN 61008-1 and IEC/EN 62423.

Product characteristics

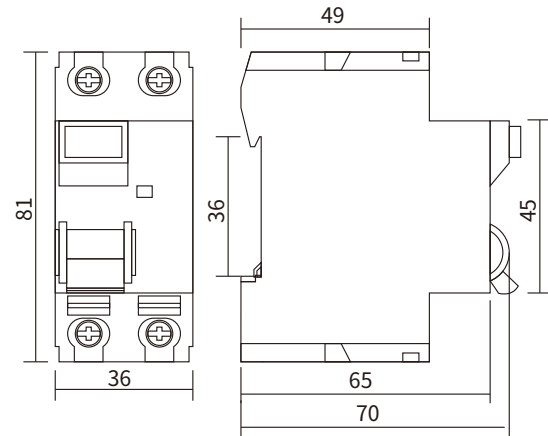
- Rated Current: 25A,40A,63A
- Rated tripping current $I_{\Delta n}$: 30mA/100mA/300mA
- Sensitivity:AC, pulsating and smooth DC residual currents
- Rated voltage U_n :230/400 V AC
- Rated frequency: 50Hz
- Rated insulation voltage U_i : 440V
- Rated impulse withstand voltage U_{imp} : 4 kV (1,2/50 μ s)
- Rated short circuit capacity I_{cn} : 10kA
- Peak withstand current:3kA
- Endurance electrical:4,000 operating cycles
- Endurance mechanical: 20000 operating cycles
- Operation temperature:-5 °C to +40 °C
- Degree of protection: Ip20
- Terminal capacity: 1,5 - 35 mm²
- Rated: 6mA Smooth DC

Product selection

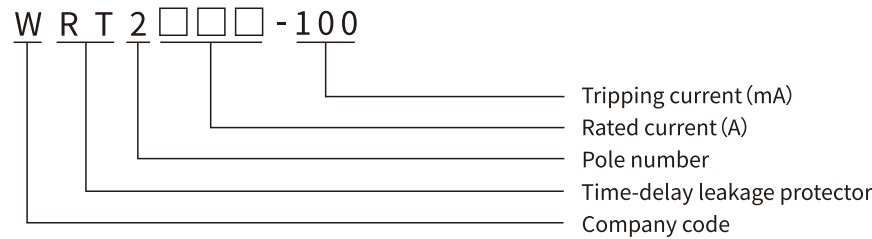


Product model	Description	Box Qty
WRV225B-030	2 Pole 25Amps 30mA Type B RCCB (3 module)	1
WRV240B-030	2 Pole 40Amps 30mA Type B RCCB (3 module)	1
WRV263B-030	2 Pole 63Amps 30mA Type B RCCB (3 module)	1
WRV425B-030	4 Pole 25Amps 30mA Type B RCCB (4 module)	1
WRV440B-030	4 Pole 40Amps 30mA Type B RCCB (4 module)	1
WRV463B-030	4 Pole 63Amps 30mA Type B RCCB (4 module)	1

WRT Type A/AC Residual Current Circuit Breaker (Time Delay)



Product model meaning



Product characteristics

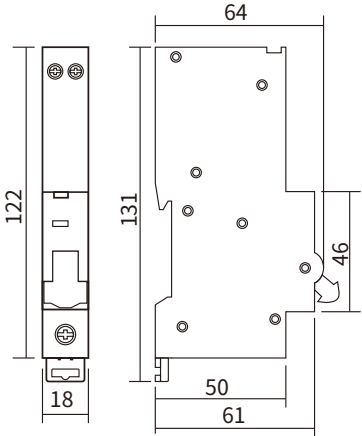
Provides protection against earth fault/leakage current and function of isolation; High breaking current withstand capacity; Applicable to terminal and pin type busbar connection; Equipped with finger protected connection terminals; Flame resistant plastic parts endures abnormal heating and strong impact; Automatically disconnect the circuit when earth fault/leakage current occurs and exceeds the rated sensitivity; Independent of power supply and line voltage, and free from external interference, voltage fluctuation.

- Pole No.: 2
- Rated current(A):80 100A
- Rated voltage: 240/415V AC
- Rated frequency: 50/60Hz
- Rated residual operating current I_{Δ} (mA):30,100
- Rated residual non operating current: $0.5I_{\Delta}n$
- Rated conditional breaking current Inc: 6000A
- Tripping duration Instantaneous tripping $\leq 0.1s$
- Residual tripping current range: $0.5I_{\Delta}n \sim I_{\Delta}n$
- Electro-mechanical endurance:4000 cycles
- Connection capacity Rigid conductor up to 35mm²
- Connection terminal Screw terminal
- Pillar terminal with clamp
- Fastening torque 2.0 Nm
- Installation: On symmetrical DIN rail 35mm
- Panel mounting

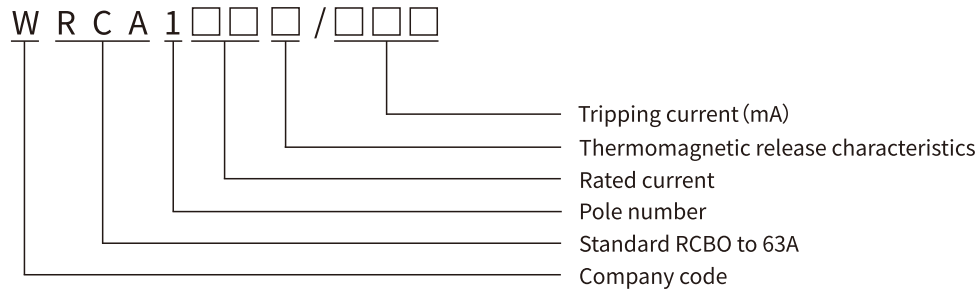
Product selection

Product model	Description	Box Qty
WRT280-100	2Pole 80Amps 100mA Time Delay RCD	60
WRT2100-100	2Pole 100Amps 100mA Time Delay RCD	60

WRCA Type A/AC Standard RCBO



Product model meaning



Product characteristics

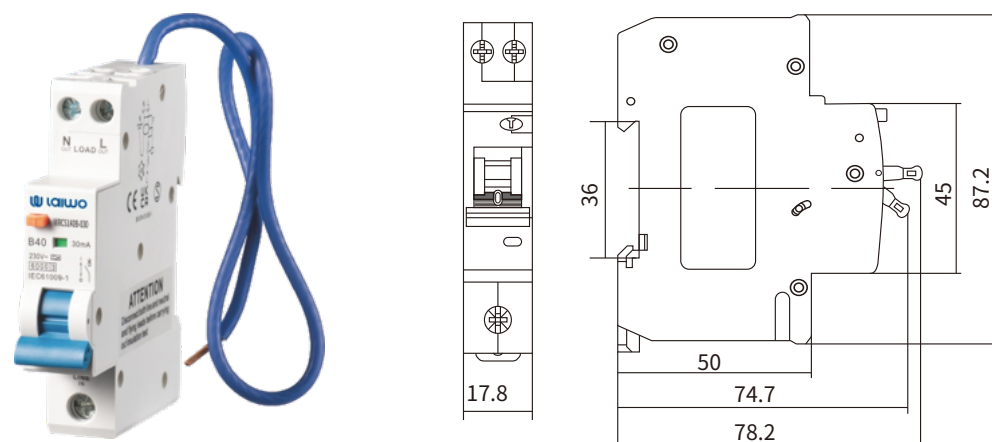
Provides protection against earth fault/leakage current, short circuit, overload. Effectively protects electric equipment against insulating failure. Handle can be locked with pad-lock to prevent unwanted operation.

- Rated current(In): 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A,63A
- Rated voltage(Un) 230V AC.
- Breaking capacity (Icn)6kA, 10kA.
- Rated residual current: 30mA.
- Tripping characteristics: B,C.
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 10000 cycles.
- Complies with BS EN 61009-1.

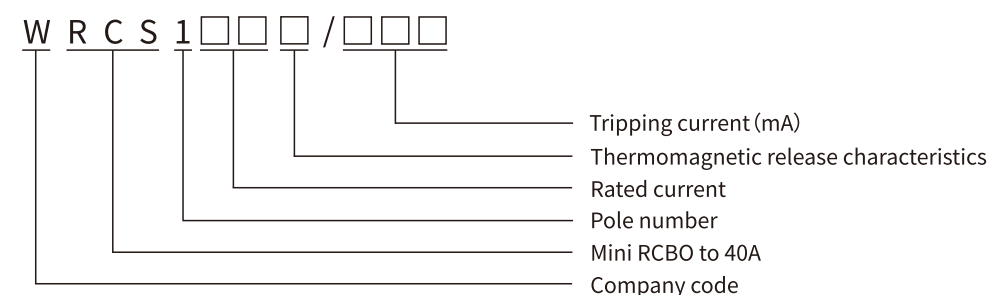
Product selection

Product model	Description	Box Qty
WRCA106B-163B/030	Single Module 6Amps-63Amps B Curve 30mA	40
WRCA106B-163B/100	Single Module 6Amps-63Amps B Curve 100mA	40
WRCA106C-163C/030	Single Module 6Amps-63Amps C Curve 30mA	40
WRCA106C-163C/100	Single Module 6Amps-63Amps C Curve 100mA	40

WRCS Type A/AC Mini RCBO



Product model meaning



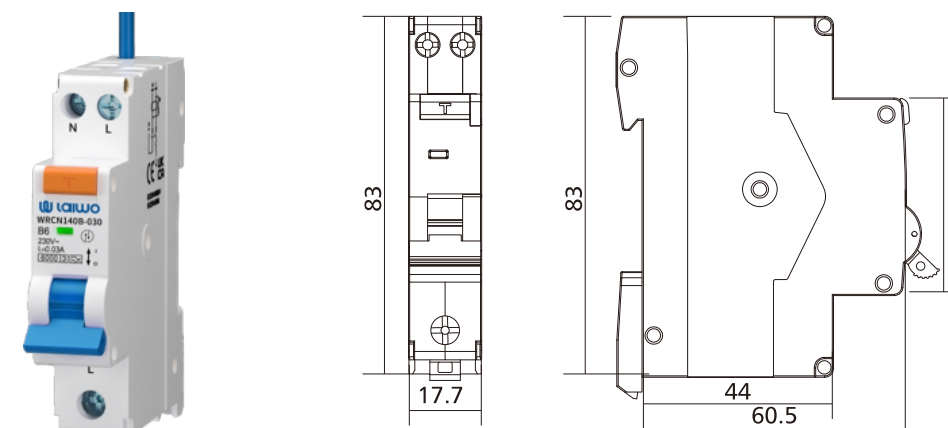
Product characteristics

- Switching and isolation.
- Overload and short circuit protection.
- Protection against the effects of sinusoidal alternation earth fault currents.
- Indirect and direct contacts protection.
- Protection against fire hazard caused by insulation faults.
- Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A, 40A.
- Rated voltage (Ue): 230V AC.
- Breaking capacity (Icn): 6kA.
- Rated residual current: 30mA, 100mA.
- Thermomagnetic release characteristics: B, C
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 100000 cycles.
- Complies with BS EN 61009-1.

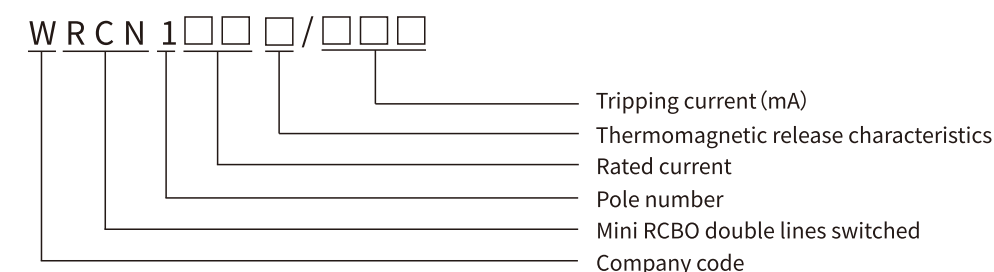
Product selection

Product model	Description	Box Qty
WRCS106B-140B/030	Single Module 6Amps-40Amps B Curve 30mA	50
WRCS106B-140B/100	Single Module 6Amps-40Amps B Curve 100mA	50
WRCS106C-140C/030	Single Module 6Amps-40Amps C Curve 30mA	50
WRCS106C-140C/100	Single Module 6Amps-40Amps C Curve 100mA	50

WRCN Type A/AC Mini RCBO (Neutral Line Switched)



Product model meaning



Product characteristics

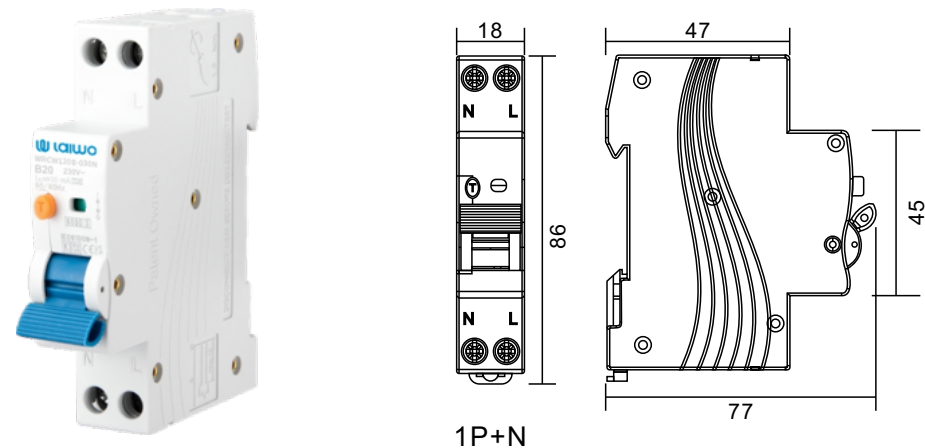
WRCN is a range of MCB sized RCBOs, apply to circuit of AC50/60Hz. Rated voltage to 230V, and current up to 40 A, bring higher levels of safety to an electrical installation and its users because they include switched neutral as standard, which will guarantee that healthy circuits remain in service and that only a faulty circuit is switched off and bring cost savings by reducing installation and testing times.

- Switching and isolation.
- Overload and short circuit protection.
- Protection against the effects of sinusoidal alternation earth fault currents.
- Indirect and direct contacts protection.
- Protection against fire hazard caused by insulation faults.
- Rated current (In): 6A, 10A, 16A, 20A, 25A, 32A, 40A.
- Rated voltage (Ue): 230V AC.
- Breaking capacity (Icn): 6kA.
- Rated residual current: 30mA, 100mA.
- 2pole.
- Thermomagnetic release characteristics: B,C.
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 100000 cycles.
- Complies with BS EN 61009-1.
- Type: AC, A.

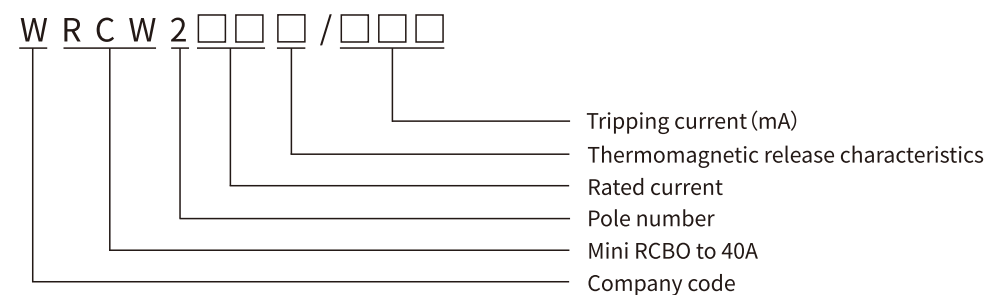
Product selection

Product model	Description	Box Qty
WRCN106B-140B/030	Single Module 6Amps-40Amps B Curve 30mA	40
WRCN106B-140B/100	Single Module 6Amps-40Amps B Curve 100mA	40
WRCN106C-140C/030	Single Module 6Amps-40Amps C Curve 30mA	40
WRCN106C-140C/100	Single Module 6Amps-40Amps C Curve 100mA	40

WRCW Type A/AC Mini RCBO (Electromagnetic)



Product model meaning



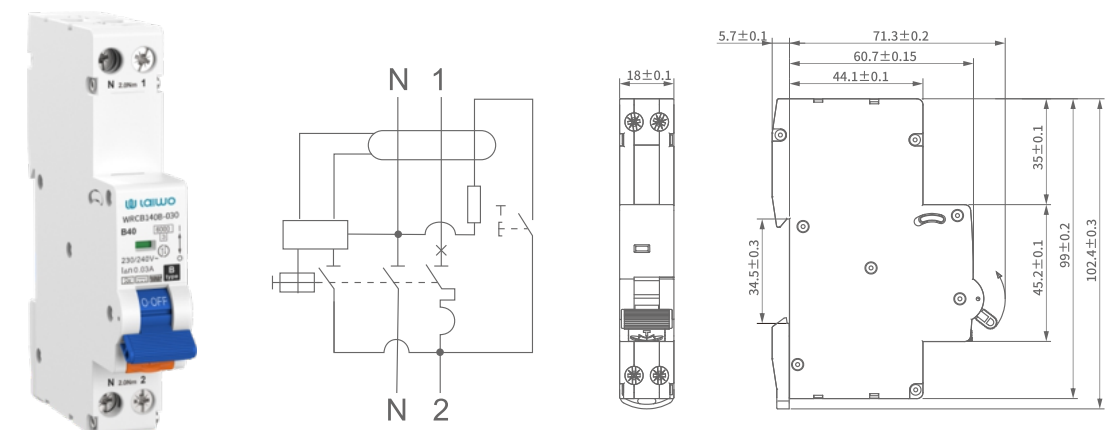
Product characteristics

- Rated current I_n (A):6,10,16,20,25,32,40.
- Rated voltage U_n : 240VAC.
- Poles:1P+N.
- Tripping curve:B,C.
- Residual current operating characteristic:TypeA.
- Rated frequency:50/60 Hz.
- Rated short-circuit breaking capacity I_{nc} :6 kA.
- Operating temperature:-25~+40°C.
- Contact position degree:IP20.
- Rated residual operating current $I_{\Delta n}$ (mA):30,100mA.
- Complies with BS EN61009-1.
- Bidirectional.
- Terminal capacity :10mm².
- Type A.

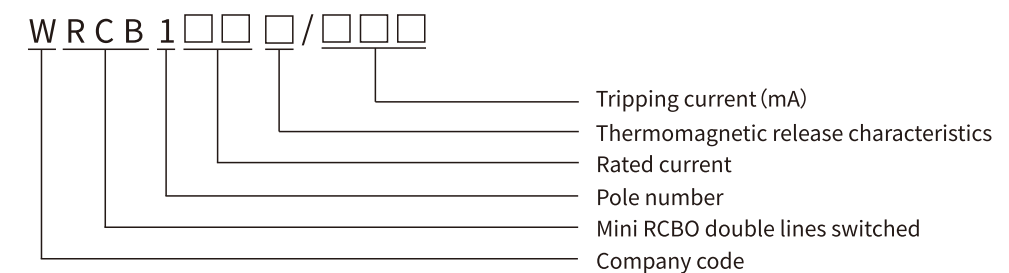
Product selection

Product model	Description	Box Qty
WRCW206B-240B/030	Single Module 2Pole 6Amps-40Amps B Curve 30mA	50
WRCW206B-240B/100	Single Module 2Pole 6Amps-40Amps B Curve 100mA	50
WRCW206B-240C/030	Single Module 2Pole 6Amps-40Amps C Curve 30mA	50
WRCW206B-240C/100	Single Module 2Pole 6Amps-40Amps C Curve 100mA	50

WRCB Type B Mini RCBO



Product model meaning



Product characteristics

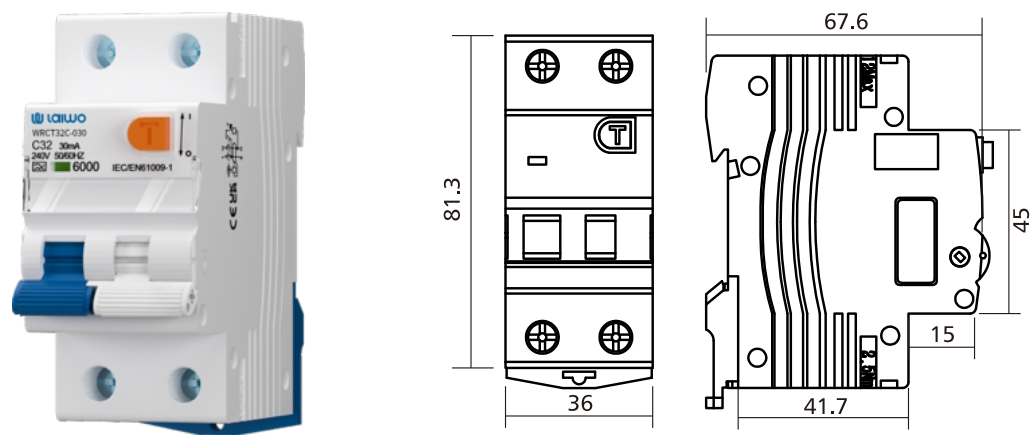
WRCB series RCBO is a single-module Type B Residual Current Breaker with Overcurrent Protection introduced by WOSOM Electrical. This advanced circuit protection device efficiently handles overcurrent, short circuits, and earth fault leakages, while being specifically designed to detect complex waveforms and DC residual currents. The compact single-module design, combined with its bidirectional power capability, makes it an ideal solution for modern electrical installations and the renewable energy sector.

- Poles:1P+N
- Rated currents(I_n):16,20,25,32,40A
- Rated frequency:50/60Hz
- Rated impulse with stand voltage U_{imp} (1.2/50us):4kV
- Rated operated voltage:230/240V~
- Insulation voltage(U_i):500V
- Rated breaking capacity:6kA
- Type: B
- Tripping curves: B, C
- Rated sensitivity current:30mA
- Max.terminalsizeforcable:2.0Nm
- Standards: IEC/EN61009-1,IEC/EN62423
- Max terminal size for cable:16mm²
- Bidirectional

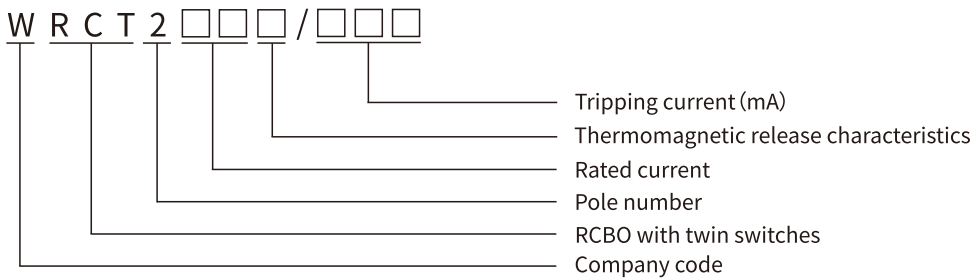
Product selection

Product model	Description	Box Qty
WRCB116B-140B/030	Single Module 16Amps-40Amps B Curve 30mA	40
WRCB116C-140C/030	Single Module 16Amps-40Amps C Curve 30mA	40

WRCT Double Pole Type A/AC RCBO (Twin Switches)



Product model meaning



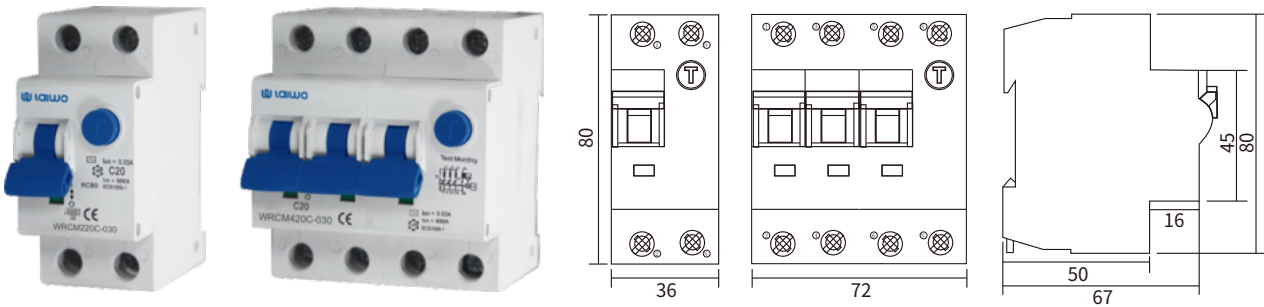
Product characteristics

- Rated current (In): 6A, 10A, 16A, 20A, 25A,32A,40A.
- Rated voltage (Un): 240V AC.
- Breaking capacity (Icn): 6kA.
- Rated residual current: 30mA, 100mA.
- Thermomagnetic release characteristics: B,C.
- Electrical endurance: 4000 cycles.
- Mechanical endurance: 10000 cycles.
- Complies with BS EN 61009-1.
- Cable terminal capacity maximum:16mm²
- Bidirectional.

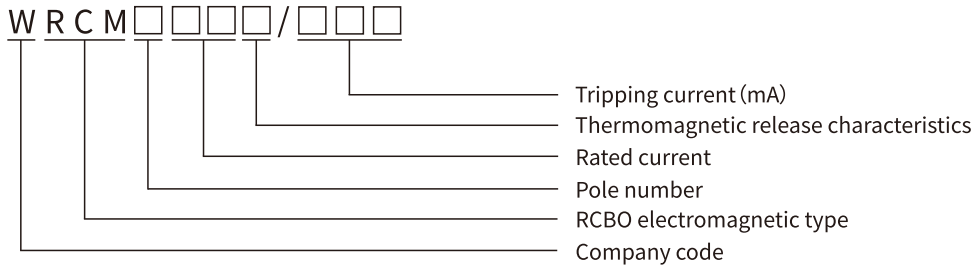
Product selection

Product model	Description	Box Qty
WRCT206B-240B/030	Double Module 6-40 Amps B Curve 30mA high immunity RCBO	60
WRCT206B-240B/100	Double Module 6-40 Amps B Curve 100mA high immunity RCBO	60
WRCT206C-240C/030	Double Module 6-40 Amps C Curve 30mA high immunity RCBO	60
WRCT206C-240C/100	Double Module 6-40 Amps C Curve 100mA high immunity RCBO	60

WRCM Type A/AC Electromagnetic RCBO



Product model meaning



Product characteristics

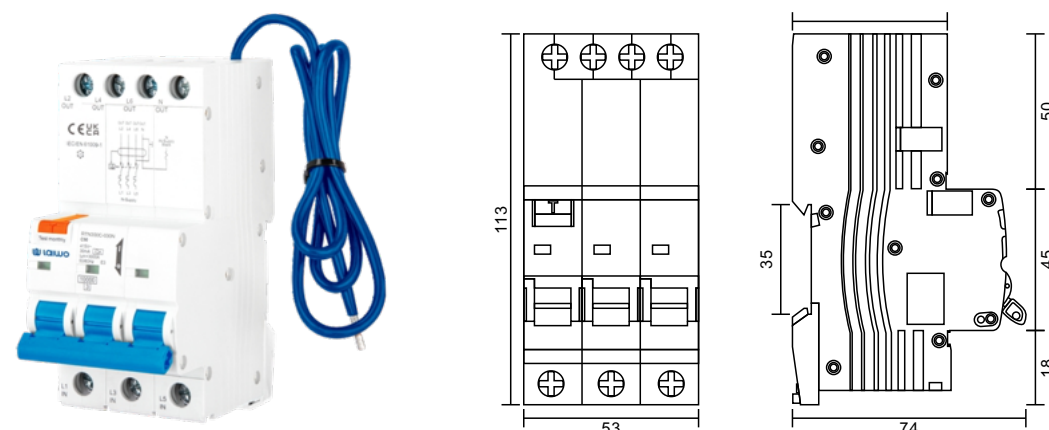
- Rated current In (A) :6,10,16,20,25,32,40.
- Poles: 1P+N,2P,4P.
- Rated voltage Ue: 230/400V.
- Rated frequency: 50Hz.
- Rated breaking capacity(A): 10KA.
- Thermomagnetic release characteristic: B,C,D.
- Contact position degree: IP40.
- Electrical life: Not less than4,000.

Product selection

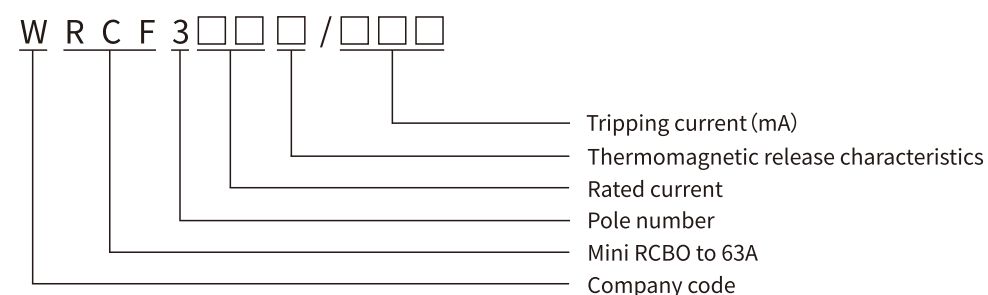
Product model	Description
WRCM206B-240B/030	2Pole (2 Modeles) 6Amps-40Amps B Curve 30mA
WRCM206C-240C/030	2Pole (2 Modeles) 6Amps-40Amps C Curve 30mA
WRCM206D-240D/030	2Pole (2 Modeles) 6Amps-40Amps D Curve 30mA
WRCM206B-240B/100	2Pole (2 Modeles) 6Amps-40Amps B Curve 100mA
WRCM206C-240C/100	2Pole (2 Modeles) 6Amps-40Amps C Curve 100mA
WRCM206D-240D/100	2Pole (2 Modeles) 6Amps-40Amps D Curve 100mA

Product model	Description
WRCM406B-440B/030	2Pole (2 Modeles) 6Amps-40Amps B Curve 30mA
WRCM406C-440C/030	2Pole (2 Modeles) 6Amps-40Amps C Curve 30mA
WRCM406D-440D/030	2Pole (2 Modeles) 6Amps-40Amps D Curve 30mA
WRCM406B-440B100	4Pole (4 Modeles) 6Amps-40Amps B Curve 100mA
WRCM406C-440C/100	4Pole (4 Modeles) 6Amps-40Amps C Curve 100mA
WRCM406D-440D/100	4Pole (4 Modeles) 6Amps-40Amps D Curve 100mA

WRCF Type A/AC Electromagnetic Mini RCBO



Product model meaning



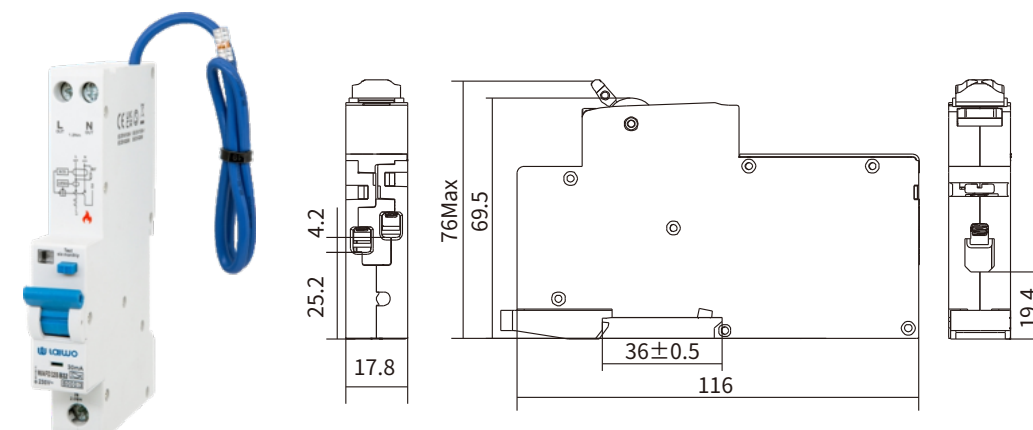
Product characteristics

- Rated current $I_n(A)$: 6, 10, 16, 20, 25, 32, 40, 50A, 63A.
- Rated voltage U_n : 240/400VAC.
- Poles: 3P+N.
- Tripping curve: B, C, D.
- Residual current operating characteristic: Type A.
- Rated frequency: 50/60 Hz.
- Rated short-circuit breaking capacity I_{nc} : 10kA.
- Rated residual operating current $I_{\Delta n}(mA)$: 30, 100mA.
- Complies with BS EN61009-1.
- Terminal capacity: IN: 16mm², OUT: 10mm².
- Type: A.

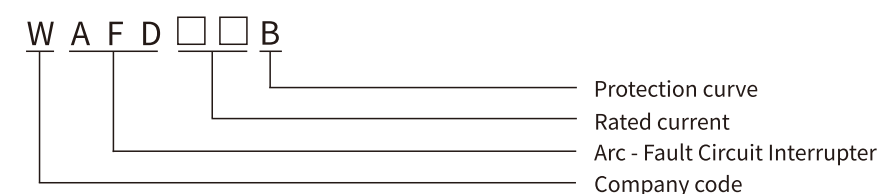
Product selection

Product model	Description	Box Qty
WRCF306B-363B/030	3P+N 6Amps-63Amps B Curve 30mA	40
WRCF306B-363B/100	3P+N 6Amps-63Amps B Curve 100mA	40
WRCF306C-363C/030	3P+N 6Amps-63Amps C Curve 30mA	40
WRCF306C-363C/100	3P+N 6Amps-63Amps C Curve 100mA	40
WRCF306D-363D/030	3P+N 6Amps-63Amps D Curve 30mA	40
WRCF306D-363D/100	3P+N 6Amps-63Amps D Curve 100mA	40

WAFD Type A/AC Arc Fault Detection Device With RCBO



Product model meaning



Product characteristics

The WAFD series arc fault protector combines arc fault detection with RCBO protection. The WAFD series arc fault protector has the functions of short circuit protection, overload protection, leakage protection and arc fault protection. WAFD series arc fault protection devices are designed for use on circuits rated up to 32A and below to protect against arc faults, overloads, short circuits and leakage. When the WAFD series arc fault protection devices detect the presence of arc faults in the line, they will automatically trip and isolate the circuit.

- Rated working voltage (U_e): AC230V.
- Rated operating frequency: $\pm 50\text{Hz}$ 2%.
- Rated insulation voltage (U_i): 400V.
- Rated impulse withstand voltage (U_{imp}): 4kV.
- Rated current (I_n): 6A, 10A, 16A, 20A, 25A, 32A, 40A.
- Number of N poles: 1P+N.
- Protection Curve B.
- Operating short-circuit capacity (I_{cs}): 6kA.
- Rated residual operating current $I_{\Delta n}$: 30mA.
- RCD Type: AC, A.
- Insulation material group: IIIa.
- Ambient Temperature range: -5~40°C.
- Storage Temperature range: -25°C ~ +55°C.

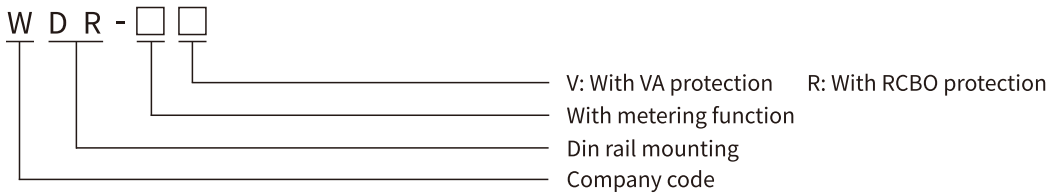
Product selection

Product model	Description	Box Qty
WAFD6B	6A Bcurve Arc Detection Device With RCBO	40
WAFD10B	10A Bcurve Arc Detection Device With RCBO	40
WAFD16B	16A Bcurve Arc Detection Device With RCBO	40
WAFD20B	20A Bcurve Arc Detection Device With RCBO	40
WAFD25B	25A Bcurve Arc Detection Device With RCBO	40
WAFD32B	32A Bcurve Arc Detection Device With RCBO	40
WAFD40B	40A Bcurve Arc Detection Device With RCBO	40

WiFi Din Rail Switch



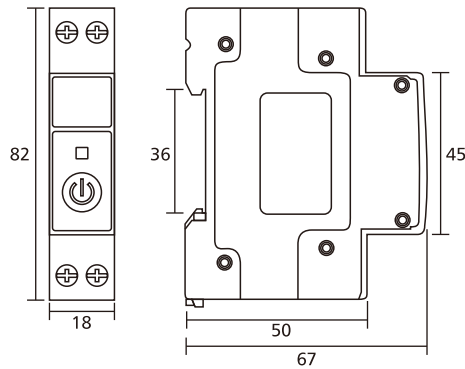
Product model meaning



Product characteristics

- Protocol: WiFi(Default)
- Rated operating voltage range: 100V-240V
- ControlType: Remote control, Manual
- Poles description: 1P+N (N Pole Pass-through)
- Customization:SigMesh/ZigBee
- Remote contro
- Timing
- Loop timing
- Voice control
- Countdown
- Real-time monitoring of electricity consumption

Product selection



Product model	Description	Box Qty
WDR	Non metering	1
WDR-M	Metering	1
WDR-MV	Metering with VA protection	1
WDR-MR	Metering with RCD protection	1