



Westhomes®

No.188, Wei 17th Road, Yueqing Economic
Development Zone, Yueqing, Zhejiang, China

☎ 0577-61735111 62758877
📠 0577-62755874

📞 0577-62754311
✉ zjxiwudq@163.com

Westhomes®

CATALOGUE OF ELECTRICAL PRODUCTS **Series 1**

ZHEJIANG WESTHOMES ELECTRIC CO., LTD.
www.westhomes.net.cn



PRODUCTION WORKSHOP

- Standard business management
- Strong technology research and development ability
- Mature technology
- Advanced delivery equipment
- Perfect pre-sale / Post-sale system





DEVELOPMENT HISTORY

1999-2003

- Xinguang Industrial zone plant completed
- Dubai Westhomes was established

1998

Yueqing Westhomes Circuit Breaker Co.,Ltd.was established

Zhejiang Westhomes Electric Co.,Ltd. was founded in 1998.

2009-2013

- Obtained the national Spark project certificate
- Won the bidding project of the national electricity network for the first time (Fujian)
- Won the first patent certificate issued by the Patent Office of the State Intellectual Property Office
- Zhejiang Provincial Department of Science and Technology as a science and technology enterprise
- Wenzhou Science and Technology Bureau as the municipal enterprise technology research and development center
- Won the 2009 honest private enterprise
- In 2009, Yueqing City was awarded the growth of small and medium-sized enterprises
- Won the 2011 grade A tax credit enterprise

2004-2008

- Won the product "CCC" certificate issued by China Quality Certification Center (The product passed the national compulsory certification)
- Awarded the CQC quality management system by China Quality Certification Center

2017-2018

- Listed in the national SME share transfer system
- Become a supplier of China Southern Power Grid
- Awarded the title of new Technology Enterprise Research and Development Center by Zhejiang Provincial Science and Technology Department
- Established Westinghouse Intelligent circuit breaker Wenzhou enterprise technology research and development center
- Won the 2015-2016 Wenzhou high growth enterprise title
- Won the title of Top 50 enterprises in Liushi Town in 2015
- Wenzhou Enterprise Technology Research and Development Center awarded by Wenzhou Science and Technology Bureau
- Won the Liu Town Mayor Quality Award
- Won the 2016 Liushi star enterprise
- Won the Wenzhou patent demonstration enterprise

2014-2016

- Won the Zhejiang Provincial Science and Technology Department, the Department of Finance, the State tax Administration issued the national high-tech enterprise certificate
- Listed in Zhejiang Equity Trading Center
- Passed China Quality Certification Center environmental management system certification
- Through the China Quality Certification Center occupational health management system certification
- Won the Wenzhou famous trademark issued by the Wenzhou Municipal People's Government
- Electric energy meter external circuit breaker automatic line put into use
- The automation of MCCB equipment was introduced, and the first automated line of plastic shell was put into use

2019-至今

- The company's new campus was put into use
- Intellectual property management system certification
- Passed the "Zhejiang Manufacturing Certification"
- Obtained the evaluation certificate of the two integration management system (informatization and industrialization integration management system)
- "Annual increase of 100,000 reclosing circuit breaker production line intelligent technology transformation project" passed acceptance
- Through ISO27001 information security management system, ISO20000 information technology service management system certification
- "Intelligent reclosing Internet of Things leakage Circuit breaker" project was rated as "Yueqing Industrial Science and Technology Plan Project in 2021"
- In 2022, it was selected as "Top Ten Brands of Intelligent Measurement Switch" by China Electric Power Industry Internet.
- t invested 40 million yuan in intelligent digital transformation and was rated as a pilot demonstration project of "digital workshop and smart factory" in Yueqing City
- Passed the provincial "specialized special new" enterprise identification
- Approved by Wenzhou green low-carbon factory
- Won the title of Wenzhou credit management demonstration enterprise
- Won the title of A-level enterprise of Zhejiang Province

ENTERPRISE
QUALIFICATION CERTIFICATE

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The product is based on the actual product. The pictures are for reference only

WSB1-80

Miniature Circuit Breaker (MCB)

WSB1-80 series mini circuit breaker is suitable for AC 50Hz or 60Hz,rated working voltage is AC230V/400V,rated current to 80A line,overload and short circuit protection of the line,can also be used as the line of infrequent operation conversion.The circuit breaker is suitable for commercial office buildings,residential buildings and similar buildings..
This product conforms to GB/T10963,1IEC60898-1 standard,with the international advanced level.

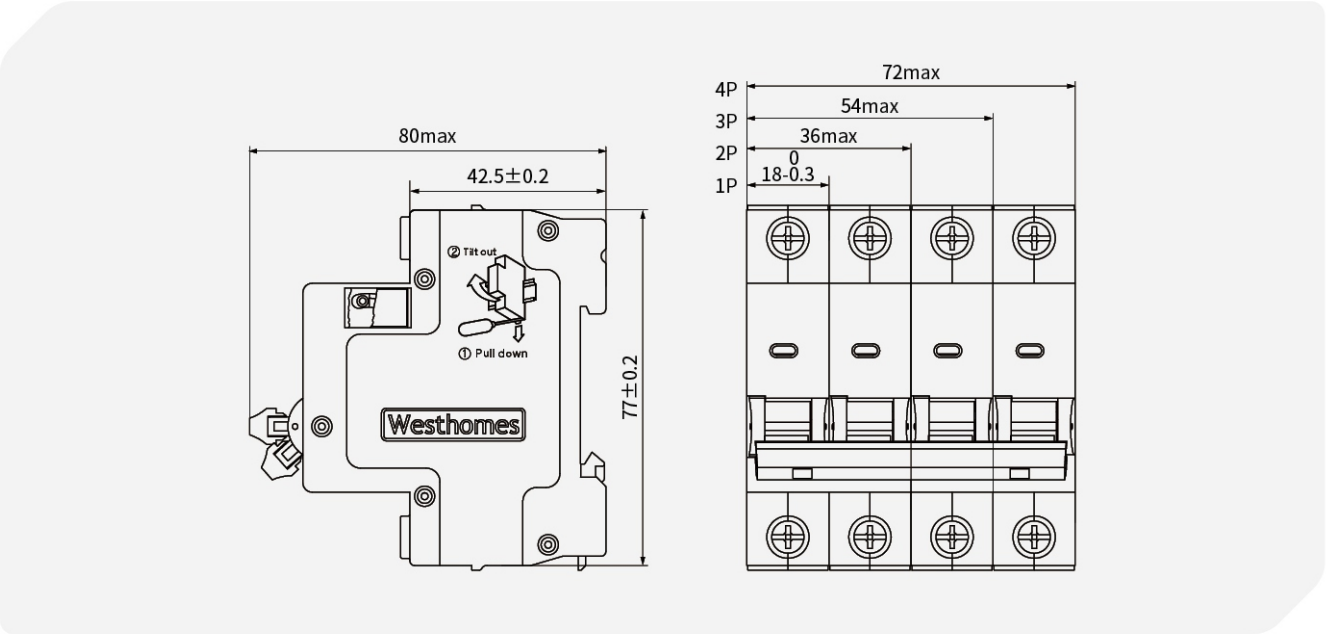


Miniature Circuit Breaker (MCB)

WSB1-80

Main Technical Parameters

Model	WSB1-80、WSB1-80H
Rated Current In(A)	6、10、16、20、25、32、40、50、63、80A
Poles	1P、1P+N、2P、3P、3P+N、4P
Trip characteristics	C type (5-10In);D type (10-20In)
Nominal Insulation Voltage Ui(V)	690
Rated Operational Voltage Ue(V)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kV)	4
Rated Short-circuit Capacity Icn(kA)	6;10
Operating short-circuit capability Ics(kA)	6;10
Mechanical Endurance	20000
Electrical Endurance	4000



WSB1-801P WSB1-802P



WSB1-803P



WSB1-804P



WSB1L-80

Miniature Earth Leakage Circuit Breaker (integrated)(RCCB)

WSB1L-80 leakage circuit breaker(hereinafter referred to as leakage circuit breaker)is suitable for AC 50/60HZ, rated voltage AC230V, rated current to 80A circuit, as a human body shock, equipment leakage protection, and overload, short circuit protection function. It can also be used as an infrequent conversion of the line under normal circumstances, and is widely used in hotels, families, industrial and mining enterprises and other buildings and similar places. This product complies with GB/T16917.1 GB/T16917.22 IEC61009-1 standard.

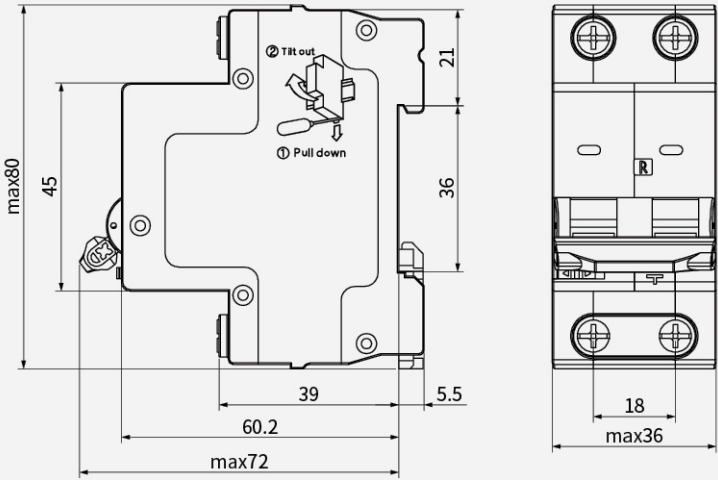


Miniature Earth Leakage Circuit Breaker (integrated)(RCCB)

WSB1L-80

Main Technical Parameters

Model	WSB1L-80	WSB1L-80N	WSB1L-80H	WSB1L-80S
Rated Current In(A)	6、10、16、20、25、32、40、50、63、80			25、32、40、50、63、80
Poles	2P			
Trip characteristics	C type (5-10In)			
Nominal Insulation Voltage Ui(V)	400			
Rated Operational Voltage Ue(V)	AC230V			
Rrated Impulse Withstand Voltage Uimp(kV)	4			
Rated residual current(I△n)	30mA、50mA			50mA
Maximum break time(S)	≤0.1			≤0.2
Rated short-circuit capacity Icn(kA)	4	6	10	6
Operating short-circuit capability Ics(kA)	4	6	7.5	6
Mechanical Endurance	20000			
Electrical Endurance	4000			



■ WSB1L-80/1P+N



WSB1LE-80

Miniature Earth Leakage Circuit Breaker (integrated)(RCCB)

WSB1LE-80 series leakage circuit breaker (hereinafter referred to as leakage circuit breaker) is suitable for AC 50/60Hz, rated voltage AC230/400V, rated current to 80A line, when the personal shock or power grid leakage current exceeds the specified value, leakage circuit breaker can quickly cut off the fault power in a very short time. To protect the safety of personal and electrical equipment, leakage circuit breaker has overload and short circuit protection function, which can be used to protect the overload and short circuit of the line or the motor, and can also be used as the infrequent operation of the line under normal circumstances.

This product complies with GB/T16917,1 GB/T16917.22 IEC61009-1 standard.

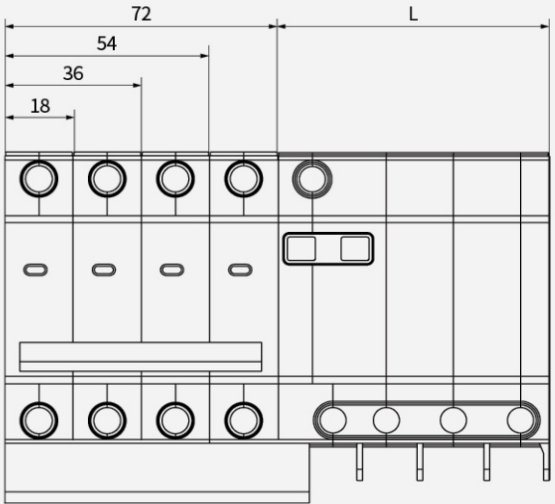


Miniature Earth Leakage Circuit Breaker (integrated)(RCCB)

WSB1LE-80

Main Technical Parameters

Model	WSB1LE-80	WSB1LE-80H
Rated Current In(A)	6、10、16、20、25、32、 40、 50、 63、 80	
Poles	1P+N、2P、3P、3P+N、4P	
Trip characteristics	c type (5-10In)	
Nominal Insulation Voltage Ui(V)	400	
Rated Operational Voltage Ue(V)	AC230V/AC400V	
Rrated Impulse Withstand Voltage Uimp Uimp(kV)	4	
Rated residual current (IAn	30mA、50mA、75mA、100mA、 200mA、300mA、500mA	
Maximum break time(S)	t≤0.1(expect 50mA);t≤0.2(50mA)	
Rated short-circuit capacity Icn(kA)	6	10
Operating short-circuit capability Ics(kA)	6	7.5
Mechanical Endurance	8500	
Electrical Endurance	1500	



Poles	≤32A air-break switch+L	40A-80A air-break switch+L
4P	72+44	72+63
3P+N	54+44	54+63
3P	54+35	54+50
2P	36+26	36+36
1P+N	18+26	18+36

■ WSB1L-80/1P+N



■ WSB1L-80/2P+N



■ WSB1L-80/3P



■ WSB1L-80/3P+N



■ WSB1L-80/4P



WSB1-125

Miniature Circuit Breaker(MCB)

WSB1-125 series mini circuit breaker has the advantages of beautiful and compact appearance, light weight, excellent and reliable performance, high breaking capacity, quick trip, rail installation, housing and components using high flame retardant and impact resistant plastics, long service life and so on. Mainly used for AC 50/60Hz, rated voltage AC230/400V line overload, short circuit protection, can be infrequently on and off electrical equipment and lighting lines under normal circumstances, can also be used as line isolation, with contact opening and closing position indicator, using Th35 rail installation.

The product complies with IEC60947 GB/T10963.1 standard.



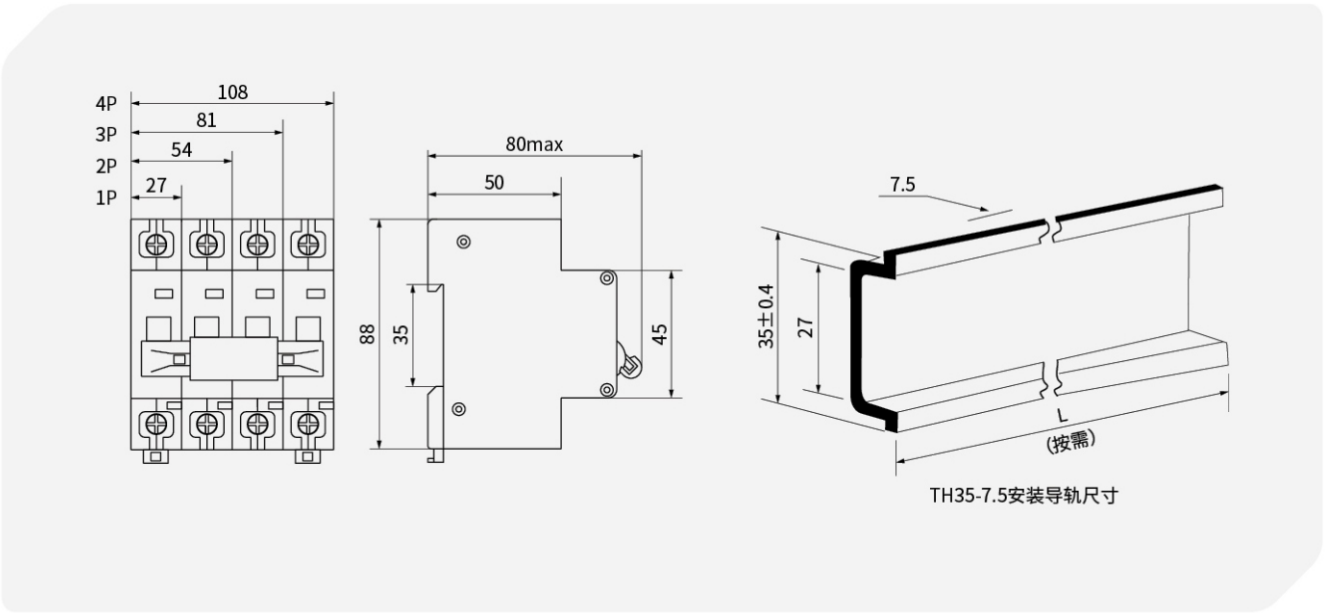
INTELLIGENT CONTROL BUILDING THE FUTURE

Miniature Circuit Breaker (MCB)

WSB1-125

Main Technical Parameters

Model	WSB1-125	WSB1-125H
Rated Current In(a)	63、80、100、125	
Poles	1P、1P+N、2P、3P、3P+N、4P	
Trip Characteristics	c type (5-10In)	
Nominal Insulation Voltage Ui(v)	690	
Rated Operational Voltage Ue(v)	AC230V/AC400V	
Rated Impulse Withstand Voltage Uimp(kv)	6	
Rated Short-circuit Capacity Icn(ka)	6	10
Operating Short-circuit Capability Ics(ka)	6	7.5
Mechanical Endurance	20000	
Electrical Enduranc	4000	



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WSB1-125 1P WSB1-125 2P



WSB1-125 3P



WSB1-125 4P

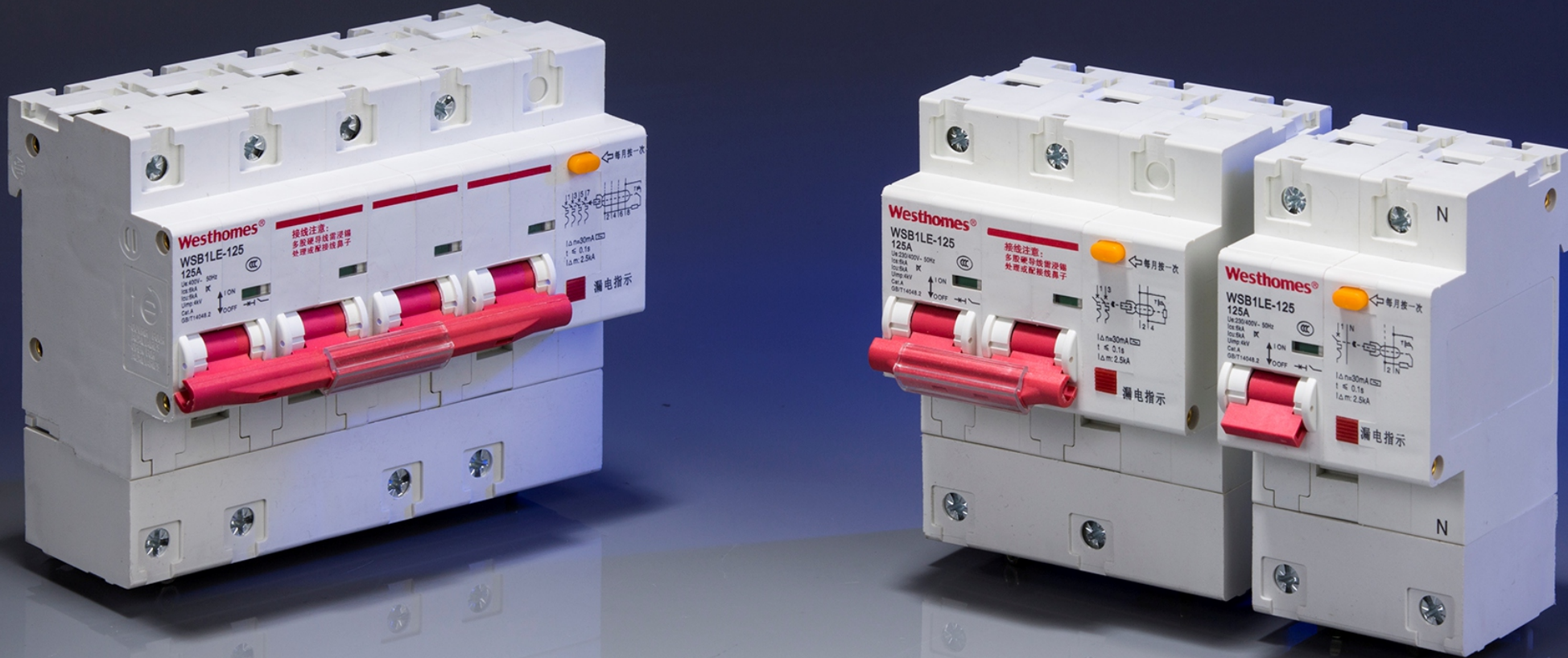


WSB1LE-125

Miniature Earth Leakage Circuit Breaker (RCCB)

WSB1LE-125 series leakage circuit breaker (hereinafter referred to as leakage circuit breaker) is suitable for AC /60Hz, rated voltage AC230/400V, rated current 63A to 125A line, when the personal shock or power grid leakage current exceeds the specified value, leakage circuit breaker can quickly cut off the fault power in a very short time. To protect the safety of personal and electrical equipment, leakage circuit breaker has overload and short circuit protection function, which can be used to protect the overload and short circuit of the line or the motor, and can also be used as the infrequent operation of the line under normal circumstances.

This product conforms to GB/T14048.2 IEC60947-2 standard.

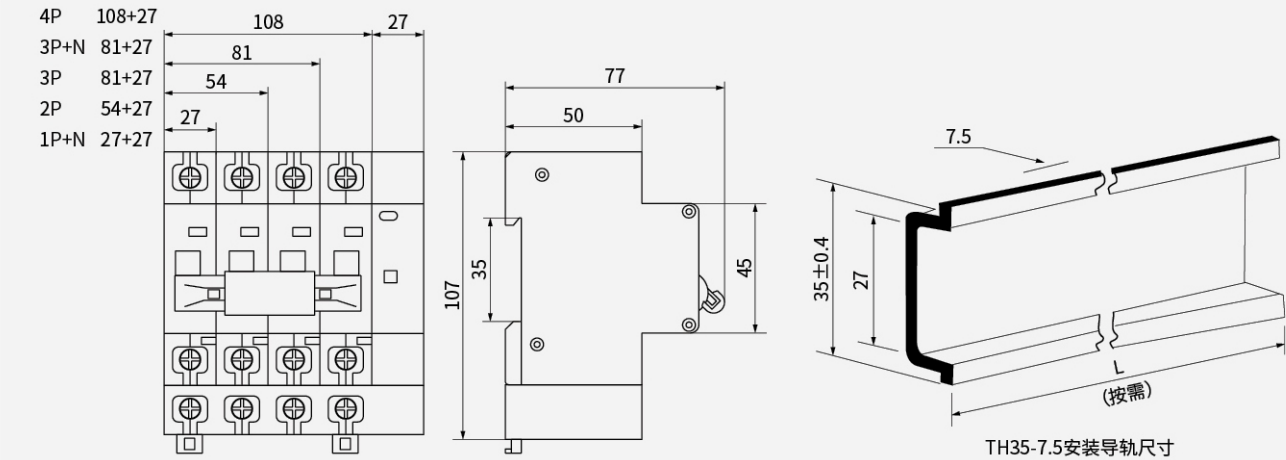


Miniature Earth Leakage Circuit Breaker (RCCB)

WSB1LE-125

Main Technical Parameters

Model	WSB1LE-125	WSB1LE-125H
Rated Current In(a)	63、80、100、125	
Poles	1P、1P+N、2P、3P、3P+N、4P	
Selective Class	A class	
Nominal Insulation Voltage Ui(v)	690	
Rated Operational Voltage Ue(v)	AC230V/AC400V	
Rated Impulse Withstand Voltage Uimp(kv)	4	
Rated Residual Current (i△n)	100mA	
Maximum Break Time(s)	t≤0.2	
Ultimate Short-circuit Capacity(ka)	6	10
Operating Short-circuitcapability Ics(ka)	6	7.5
Mechanical Endurance	8500	
Electrical Endurance	1500	



- WSB1LE-125 1P+N
- WSB1LE-125 2P



- WSB1LE-125 3P
- WSB1LE-125 3P + N



- WSB1LE-125 4P



WSB2-40

Miniature Circuit Breaker (MCB)

WSB2-40 "phase line + neutral line" circuit breaker is suitable for AC 50Hz or 60Hz, rated voltage in 230V single-phase residential lines, overload and short circuit protection of electrical lines, the product has high breaking capacity, small size, width of 18mm. The need line and the live line are cut off at the same time, which prevents the fire caused by the reverse connection of the live line and the neutral line or the potential caused by the neutral line dangerous, is the most ideal distribution protection switch in the field of civil housing.

This product complies with IEC60898.1GB /T10963.1 standard and has obtained CCC compulsory certification.



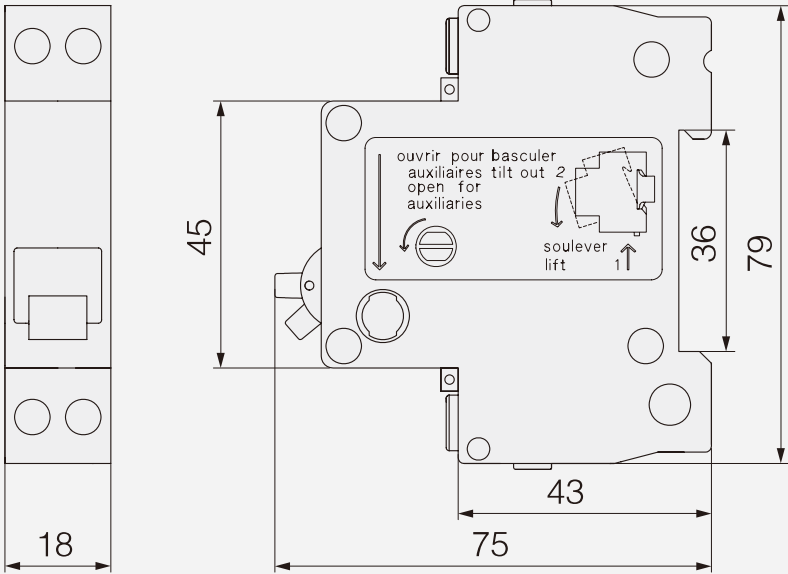
Miniature Circuit Breaker (MCB)

WSB2-40

Main Technical Parameters

Model	WSB2-40
Rated Current In(a)	6、10、16、20、25、32、40
Poles	2P
Trip Characteristics	B type (3-5In):C type (5-10In)
Nominal Insulation Voltage Ui(V)	400
Rated Operational Voltage Ue(V	AC230V
Rated Impulse Withstand Voltage Uimp(kV)	4
Rated Sshort-Circuit Capacity Icn(kA)	B type :3; C type :4.5
Operating Short-Circuit Capability Ics(kA)	B type :3; C type :4.5
Mechanical Endurance	20000
Electrical Endurance	10000

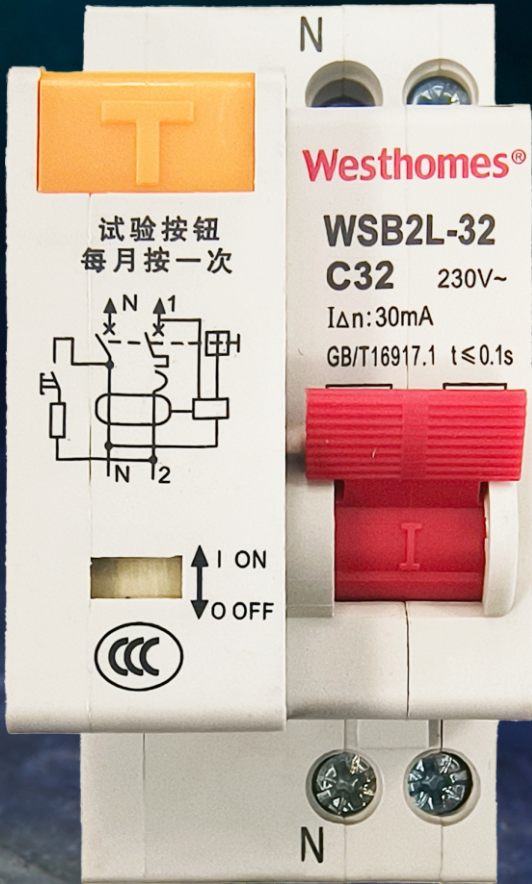
■ WSB2-40



WSB2L-32

Miniature Earth Leakage
Circuit Breaker (RCCB)

WSB2L-32 (phase line + neutral line + leakage) protection circuit breaker is suitable for AC 50Hz or 60Hz, rated voltage in 230V single-phase residential lines, as leakage protection, and civil electrical line overload and short circuit protection, the product has a small size, high breaking capacity; Zero and live wire are cut off at the same time, and in the case of reverse fire wire connection, it can still protect the leakage.



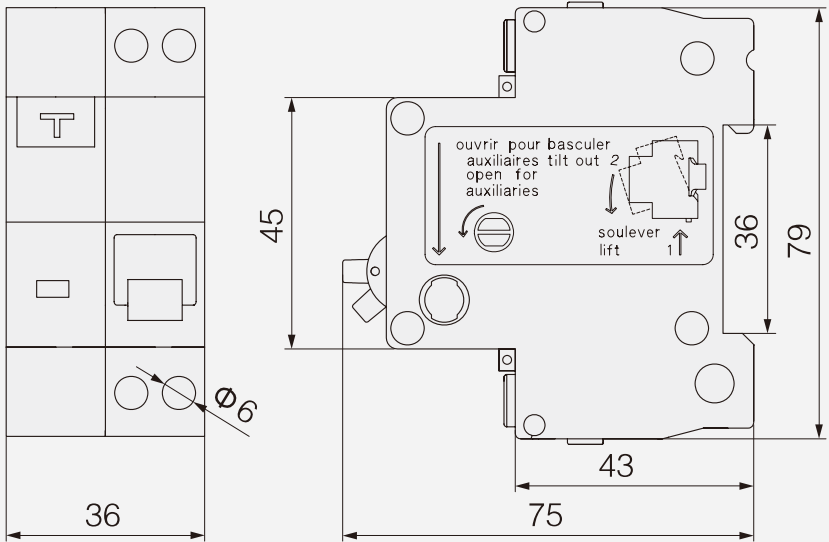
Miniature Earth Leakage Circuit Breaker(RCCB)

WSB2L-32

Main Technical Parameters

Model	WSB2L-32
Rated Current In(A)	6、10、16、20、25、32
Poles	2P
Trip characteristics	B type (3-5In):c type (5-10In)
Nominal InsulationVoltage Ui(V)	400
Rated Operational Voltage Ue(V)	AC230V
Rated Impulse Withstand Voltage Uimp(kV)	4
Rated residual current (IΔn)	30mA
Maximum break time (S)	≤0.1
Rated Short Circuit Capability Icn(kA)	B type:3; C type:4.5
Short-Circuit Withstand Capacity Ics(kA)	B type:3; C type:4.5
Mechanical Endurance	20000
Electrical Endurance	10000

WSB2L-32

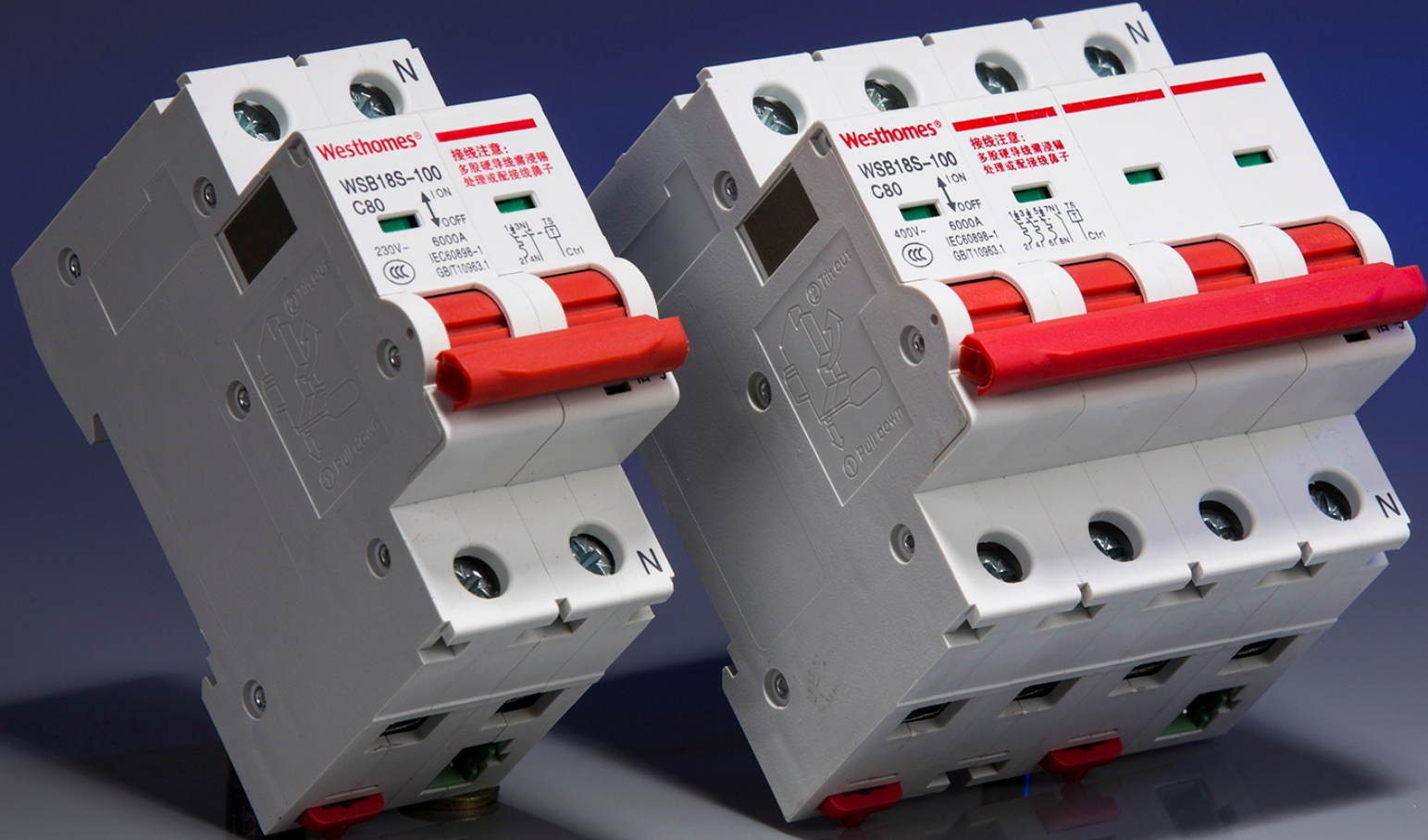


WSB18S

Miniature Earth Leakage
Circuit Breaker(RCCB)

WSB18S-100 series mini circuit breaker has the function of control signal with delay shingling trip, suitable for AC 50/60Hz, rated voltage AC230V/400V, rated current 6A to 100A in the line, remote control of the line breaking or automatic signal control breaking, while the line plays the role of overload and short circuit protection. It can also be used as a line for infrequent operation conversion.

It is widely used in matching with IC card prepaid kilowatt-hour meter to control the on-off of the line, IC card prepaid kilowatt-hour meter with external special circuit breaker to prevent IC card prepaid meter with built-in switch easy to cause fire accidents caused by contact burning, is currently the ideal product for matching with IC card prepaid kilowatt-hour meter.

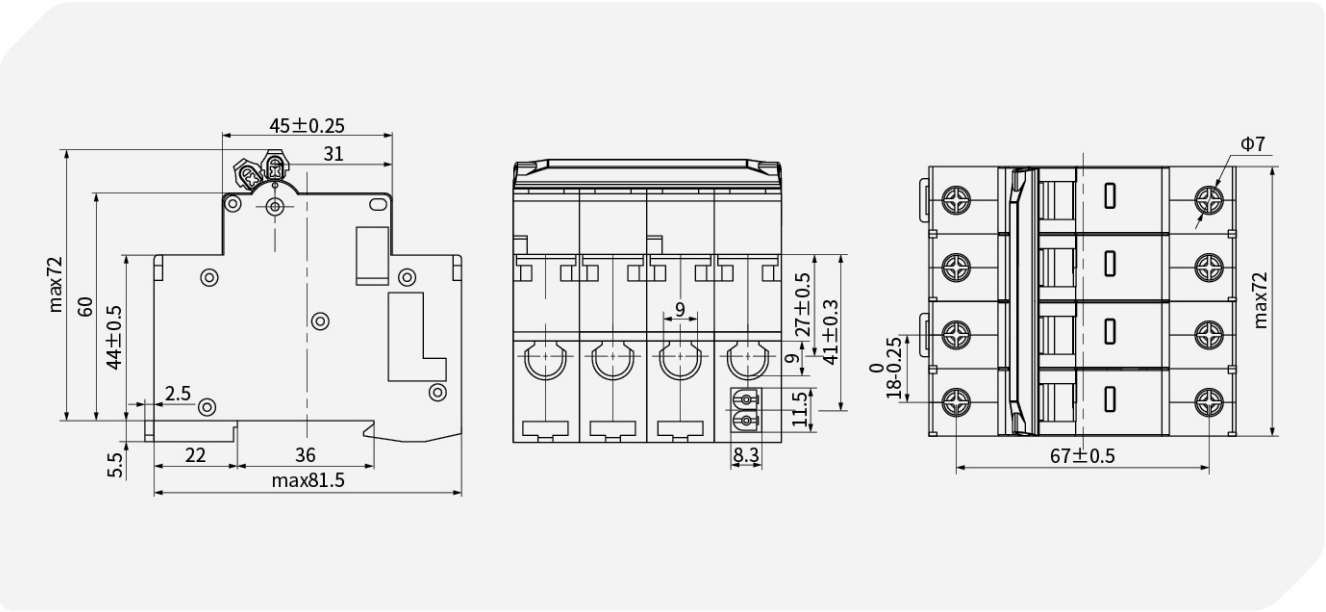


External Miniature Circuit Breaker for Meter (MCB)

WSB18S

Main Technical Parameters

Model	WSB18S-100
Rated Current In(A)	6、10、16、20、25、32、40、50、63、80、100
Poles	1P+N、3P+N
Trip characteristics	C type (5-10In)
Nominal Insulation Voltage Ui(V)	500
Rated Operational Voltage Ue(V)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kV)	6
Rated Short Circuit Capability Icn(kA)	6
Operating short-circuit capability Ics(kA)	6
Signal line	Standard 80cm
Mechanical Endurance	20000
Electrical Endurance	6000



WSB18S-100 1P+N



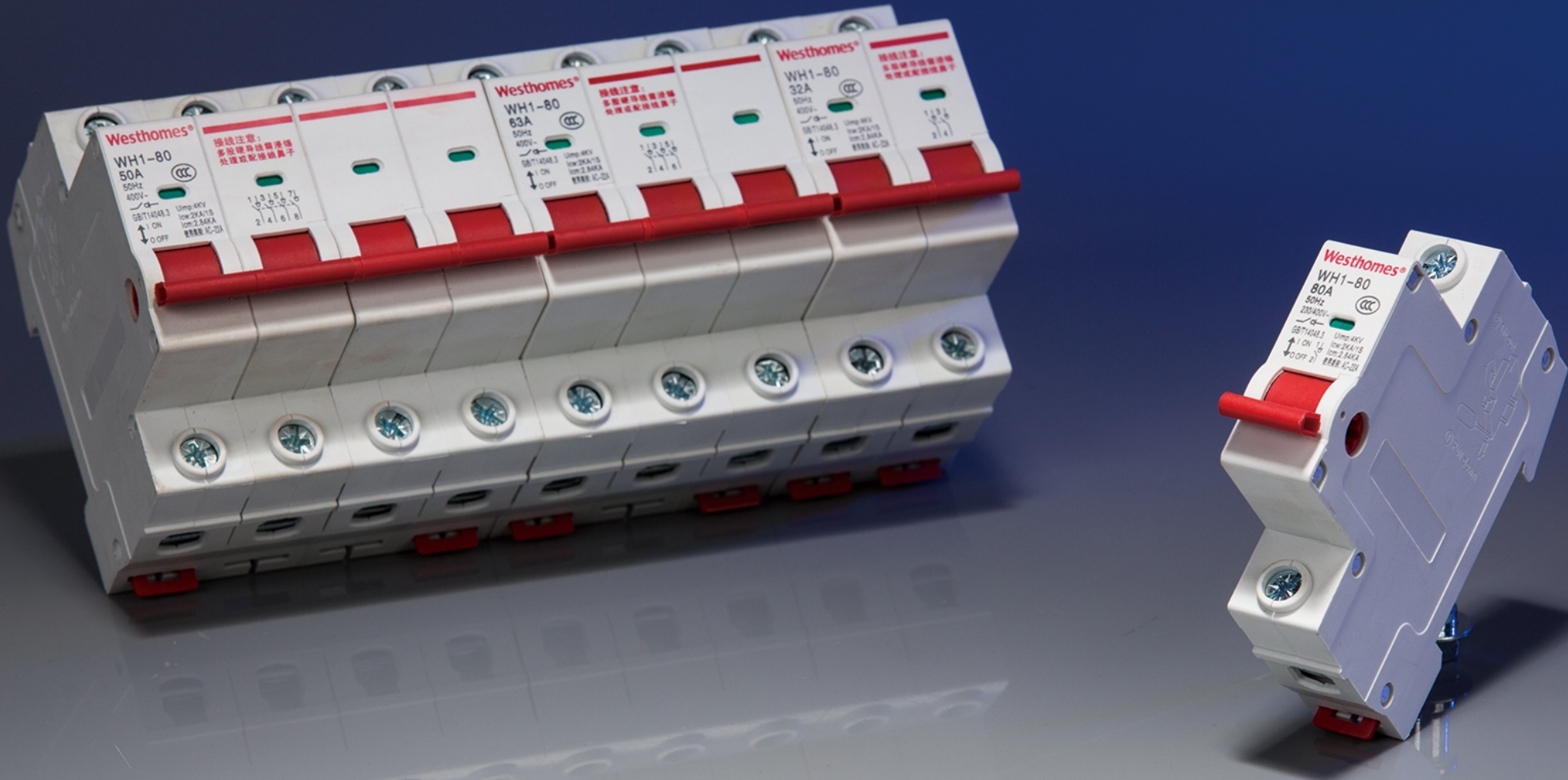
WSB18S-100 3P+N



WH1-80

Miniature Isolator
(MCB Isolator)

WH1-80 series isolation switch, suitable for AC 50/60Hz, rated voltage AC230V/400V, fixed current 20A to 125A circuit, mainly used as line isolation power supply, can also be used as a line no load infrequent conversion. This series of isolation switch is mainly composed of insulating shell, operating mechanism and contact system. The insulating shell is made of high strength and flame retardant nylon injection molding. The contact is a bridge type double break point and the operating mechanism is a spring energy storage fast moving structure. This series of isolation switches is beautiful and compact, with a unique opening and closing indicator window. Fast breaking speed, sensitive and reliable action, standard installation guide rail, easy installation and disassembly, single phase, two pole, three pole, four pole can be any combination, can be used with small circuit breaker, small leakage circuit breaker. Suitable for industrial, commercial, high-rise buildings, residential and other places. This product conforms to GB/T14048.3 IEC60947-3 standard

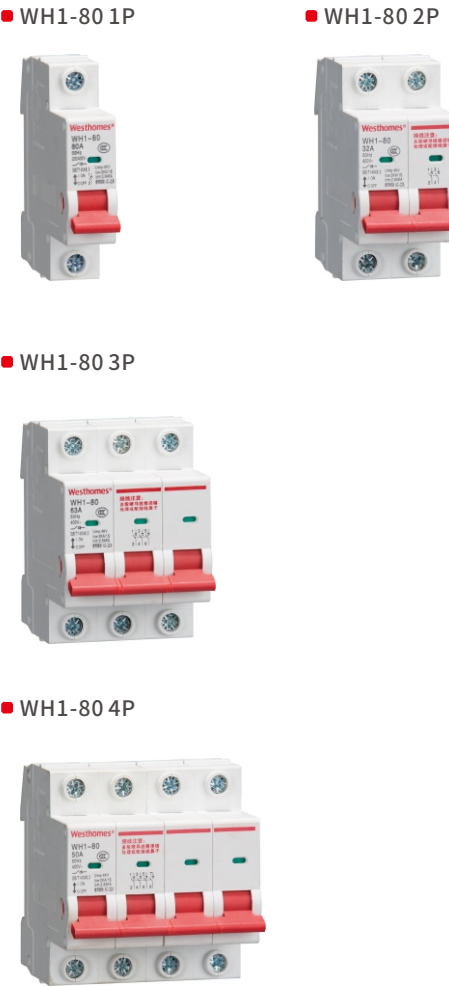
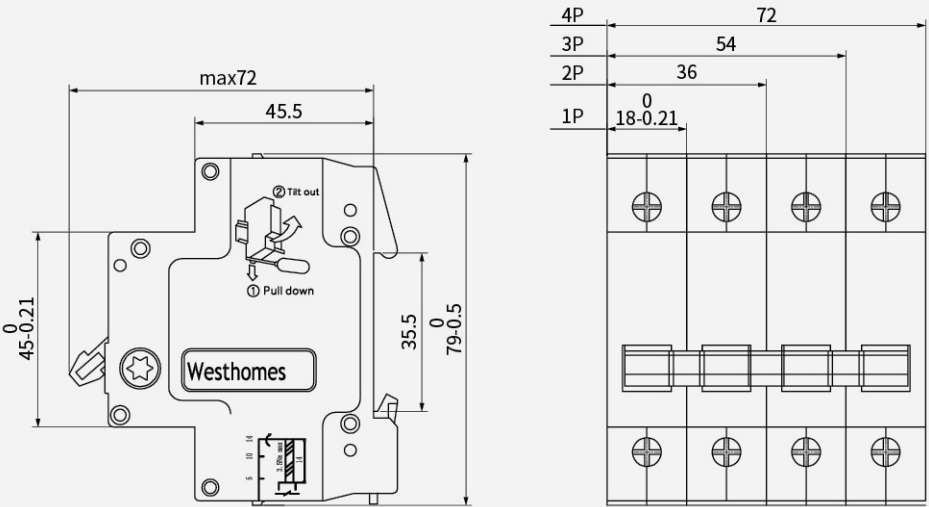


Miniature Isolator (MCB Isolator)

WH1-80

Main Technical Parameters

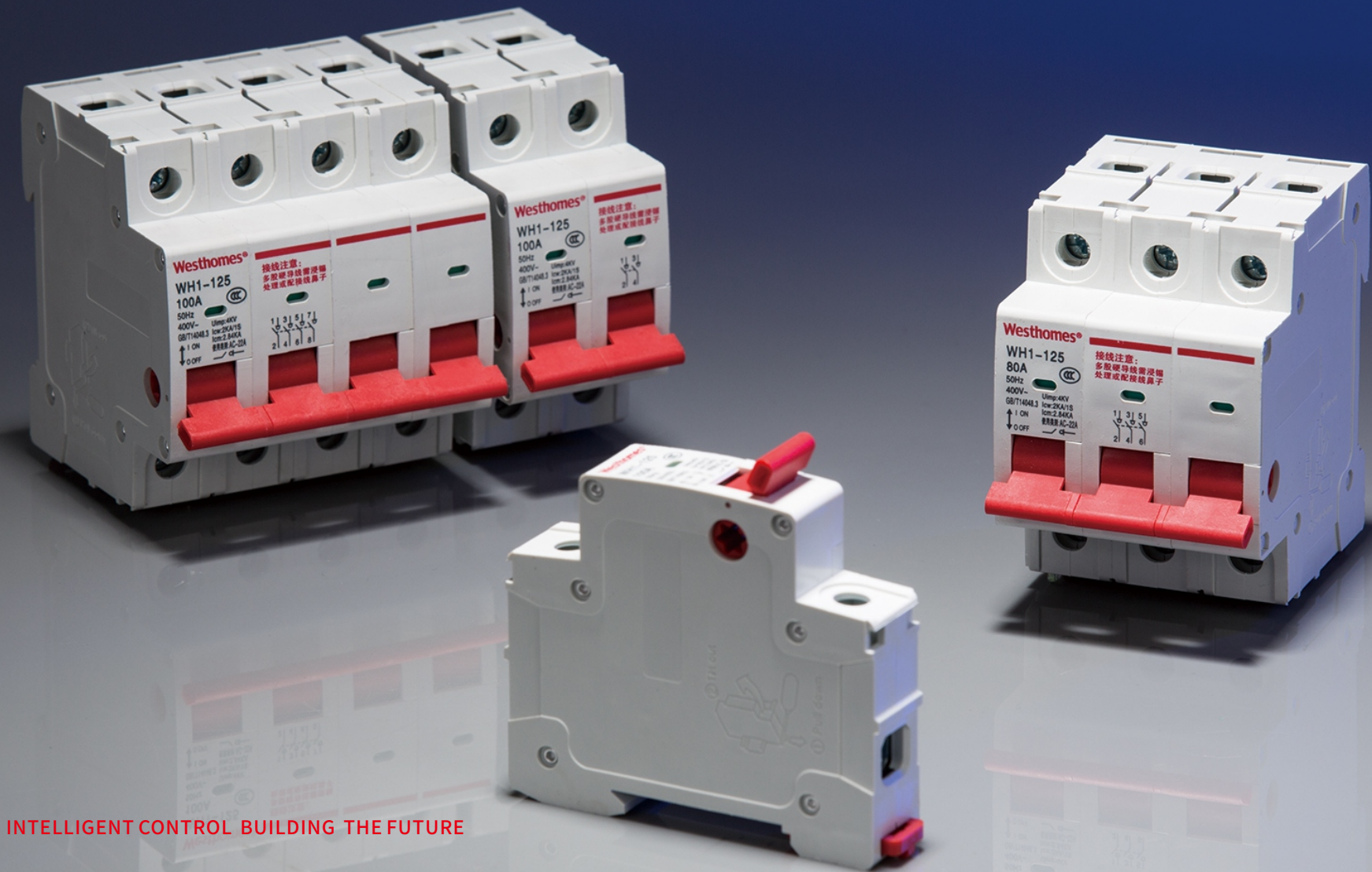
Model	WH1-80
Rated Current In(a)	6、10、16、20、25、32、40、50、63、80
Poles	1P、2P、3P、4P
Selective Class	AC-22A
Nominal Insulation Voltage Ui(v)	690
Rated Operational Voltage Ue(v)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kv)	4
Rated Short Time Current Icw(ka)/1s	2
Rated Short-circuit Ability Icm(ka)	2.84
Mechanical Endurance	20000
Pollution Degree	2 level
Ue Radio Access Capabilities	1-25mm ²



WH1-125

Miniature Isolator (MCB Isolator)

WH1-125 series isolation switch, suitable for AC 50/60Hz, rated voltage AC230V/400V, rated current 20A to 125A circuit, mainly used as line isolation power supply, can also be used as a line no load infrequent conversion. This series of isolation switch is mainly composed of three parts: insulation shell, operating mechanism and contact system. The insulation shell is made of high-strength, flame-retardant nylon injection molding. The contact is a bridge type double breakpoint, and the operating mechanism is a spring energy storage fast moving structure. This series of isolation switches is beautiful and compact, with a unique opening and closing indicator window. Fast breaking speed, sensitive and reliable action, standard installation guide rail, easy installation and disassembly, single phase, two pole, three pole, four pole can be any combination, can be used with small circuit breaker, small leakage circuit breaker. Suitable for industrial, commercial, high-rise buildings, residential and other places. This product conforms to GB/T14048.3 IEC60947-3 standard.



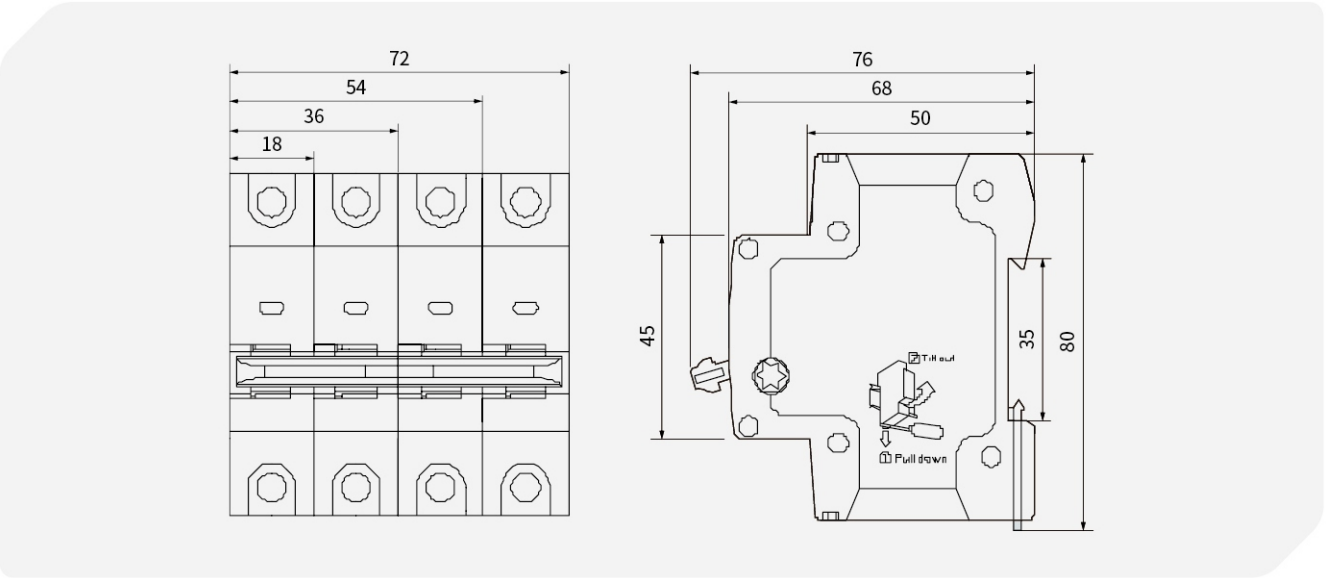
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Miniature Isolator (MCB Isolator)

WH1-125

Main Technical Parameters

Model	WH1-125
Rated Current	20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A, 125A
Poles	1P, 2P, 3P, 4P
Rated Voltage Ue	AC230/400V
Rated Short Time Current Icw	2kA
Rated Short-Time Switching Capacity Icm	2.84kA
Anti-humid hot Property	2 class
Utilization Category	AC-22A
Mechanical Endurance	20000 times
Pollution Degree	2 level
UE Radio Access Capabilities	1~50mm²
Quality Certificate	Obtained CCC certification
Standardization	IEC60947-3 GB14048.3



WH1-125 1P WH1-125 2P



WH1-125 3P



WH1-125 4P

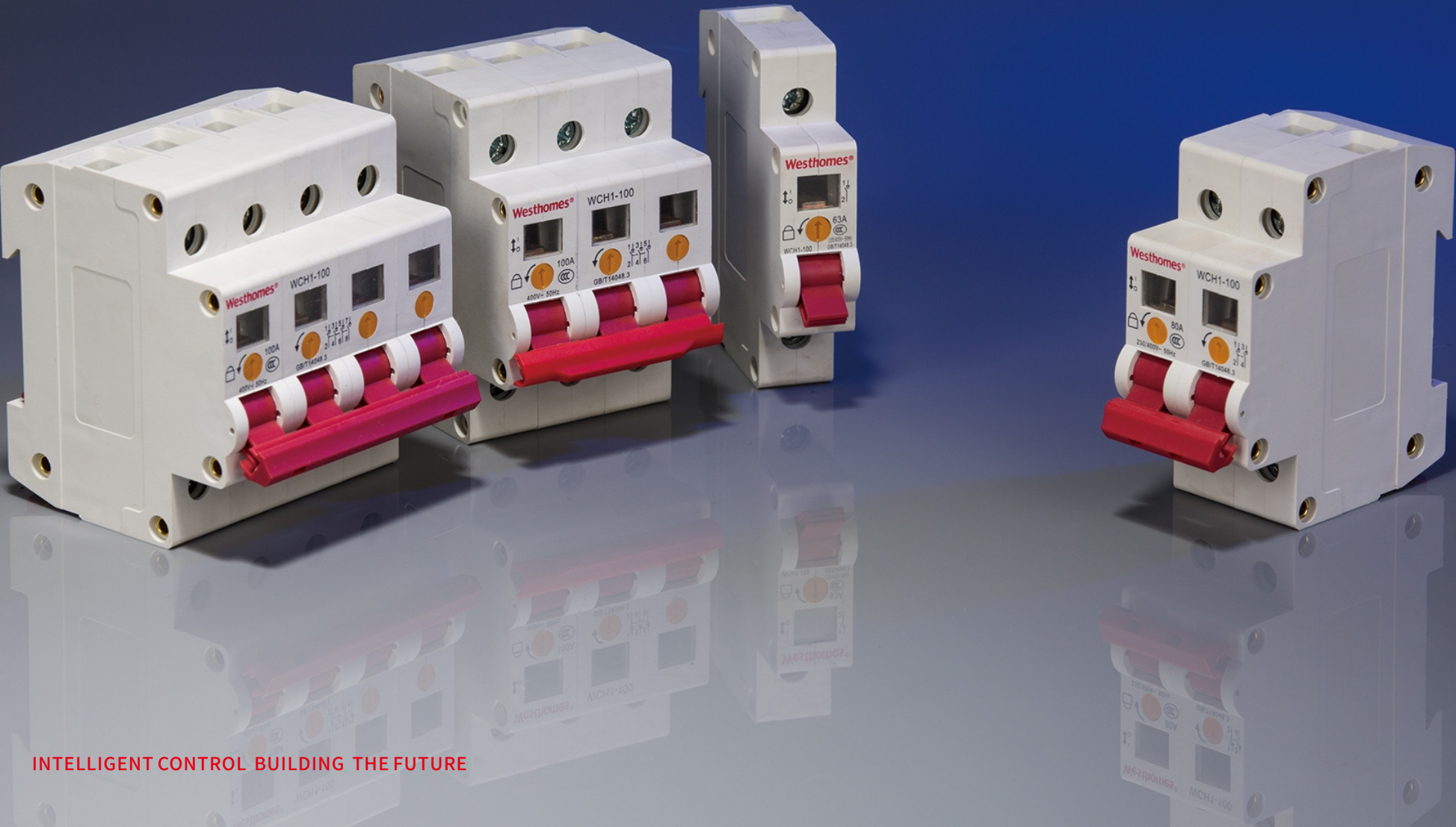


WCH1-100

Miniature Isolator (MCB Isolator)

WCH1 series small isolation switch, suitable for the system 50Hz, rated voltage single-phase 230V, three-phase 400V, rated current to 100A circuit, mainly used as line isolation power supply, but also as a line no load infrequent conversion.

This product conforms to GB/T14048.3 IEC60947-3 standard.



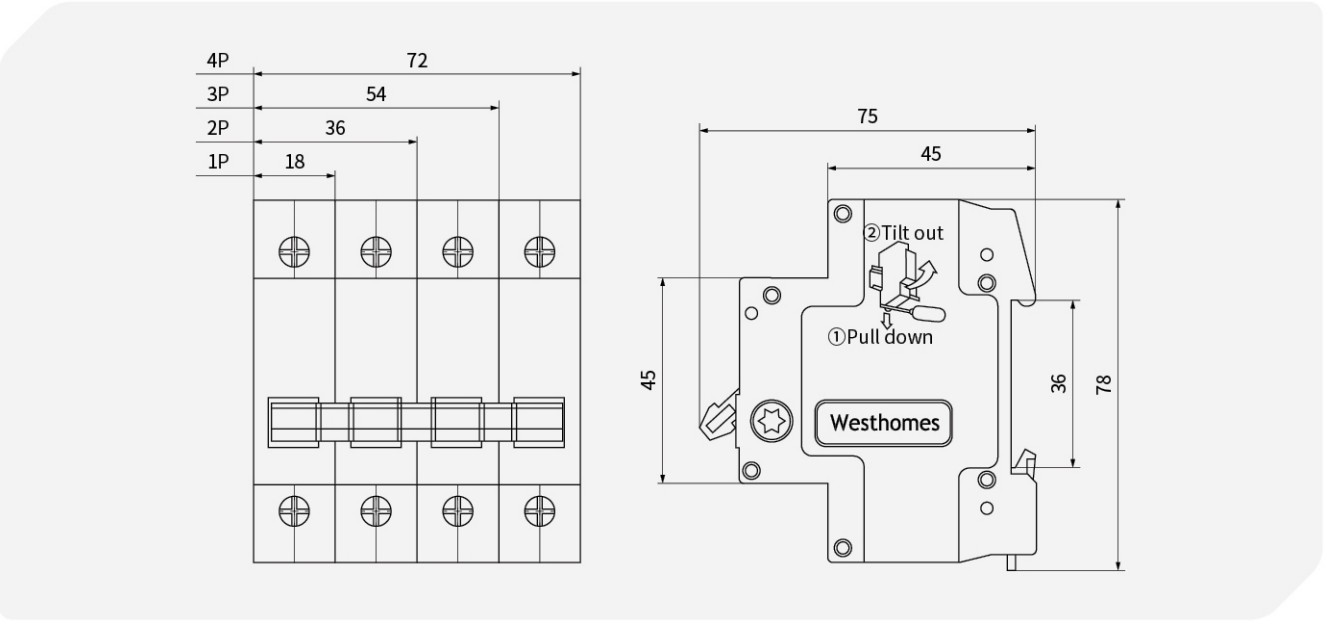
INTELLIGENT CONTROL BUILDING THE FUTURE

Miniature Isolator (MCB Isolator)

WCH1-100

Main Technical Parameters

Model	WCH1 - 100(Visual Window)
Rated Current In(A)	63, 80, 100
Poles	1P, 2P, 3P, 4P
Selective categories	AC-22A
Nominal Insulation Voltage Ui(V)	690
Rated Operational Voltage Ue(V)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kV)	4
Rated Short Time Current Icw(kA)/1S	2
Rated Short-Circuit Ability Icm(kA)	2.84
Mechanical Endurance	20000



■ WH1-100 1P



■ WH1-100 2P



■ WH1-100 3P



■ WH1-100 4P



WSH3-100

Miniature Isolator (MCB Isolator)

WSH3-100 series small isolation switch, used for AC 50Hz, rated current 32A to 100A, rated voltage AC230V/400V distribution circuit, used as a power isolation switch and emergency switch, especially suitable for line maintenance to effectively isolate the power supply and prevent accidental closing, to ensure the safety of maintenance personnel operation.

This product conforms to GB/T14048.3 IEC60947-3 standard.

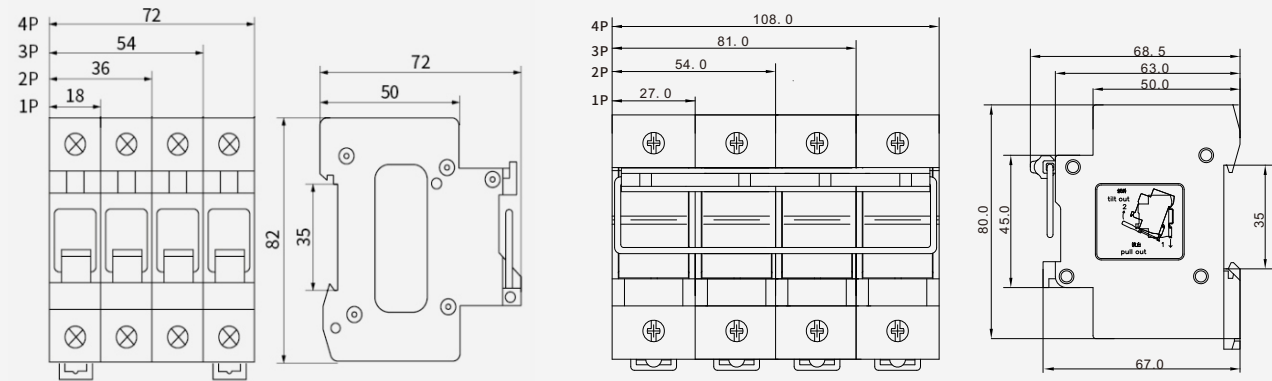


Miniature Isolator (MCB Isolator)

WSH3-100

Main Technical Parameters

Model	WSH3 - 10018 model;WSH3 - 10027 model
Rated Current In(A)	32、40、50、63、80、100
Poles	1P、2P、3P、4P
Selective categories	AC-22A
Nominal Insulation Voltage Ui(V)	690
Rated Operational Voltage Ue(V)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kV)	4
Rated Short Time Current Icw(kA)/1S	1.2
Rated Short-Circuit Ability Icm(kA)	2
Mechanical Endurance	20000
Electrical Endurance	10000



WSH3-100 1P



WSH3-100 2P



WSH3-100 3P



WSH3-100 4P



WSB7GQ

Self Compound Over & Under Voltage Protector (SAQG)

WSB7GQ small circuit breaker (with overvoltage/undervoltage protection) is the derivative product of WSB1-63 small circuit breaker with overvoltage and undervoltage modules. It has the advantages of advanced structure, reliable performance, high breaking ability, beautiful and small appearance.

Suitable for AC 50Hz, rated voltage to 4000V, overvoltage protection setting value of 280V 5%; It can increase the undervoltage protection whose setting value is 160V±5%, and the fixed current is less than 63A for residential, office buildings and similar buildings, lighting, distribution lines and equipment overload, short circuit and overvoltage protection, and can also be used under normal circumstances as the line's frequency conversion and the motor's infrequent start.

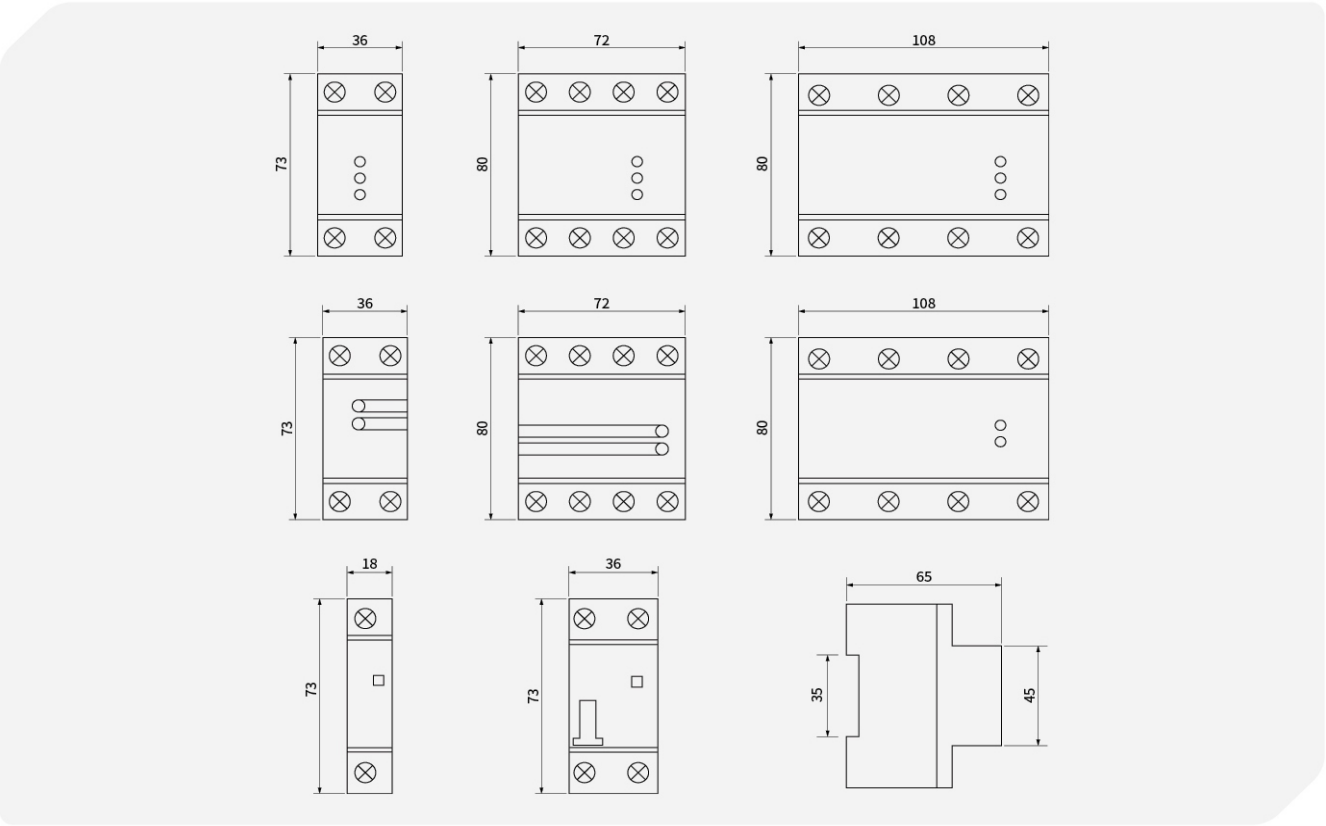


Self Compound Over & Under Voltage Protector (SAQG)

WSB7GQ

Main Technical Parameters

Model	WSB7GQ - Self Compound Over & Under Voltage Protector (SAQG)	
Rated Current In(A)	25、32、40、50、63、80、100	
Poles	2P	4P
Rated Operational Voltage Ue(V)	AC230V	AC400V
Overvoltage Protection	AC275±5V	AC460±15V
Low-Voltage Protection	AC170±5V	AC300±15V
Delay Time	t≤60s	
Standardization	GB/T14048.5	



WSB7GQ 2P



WSB7GQ 4P



WSB7GQ-63S



WSB7GQ-63SII



WSB7GQ-63Y



WCU1

Surge Protect Device (SPD)

WCU1 surge protector (hereinafter referred to as "protector") is suitable for TT, IT, TN-S, TN-C, TAC'S and other power supply systems with AC 50/60Hz, 380V and below to protect the power grid from overvoltage caused by lightning strikes or surges.



INTELLIGENT CONTROL BUILDING THE FUTURE

Surge Protect Device (SPD)

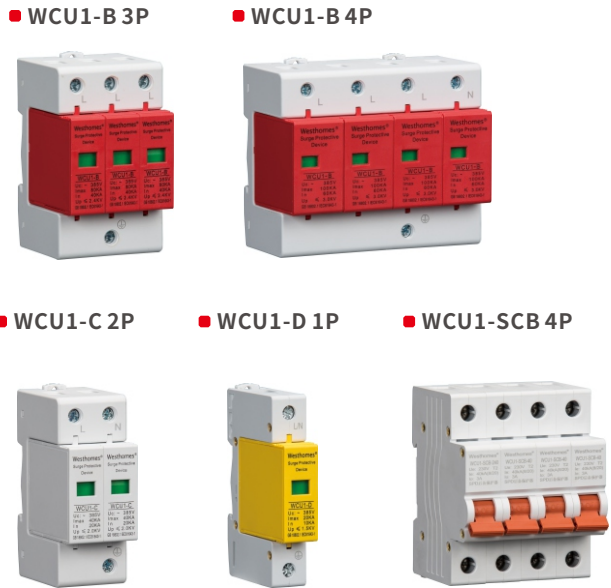
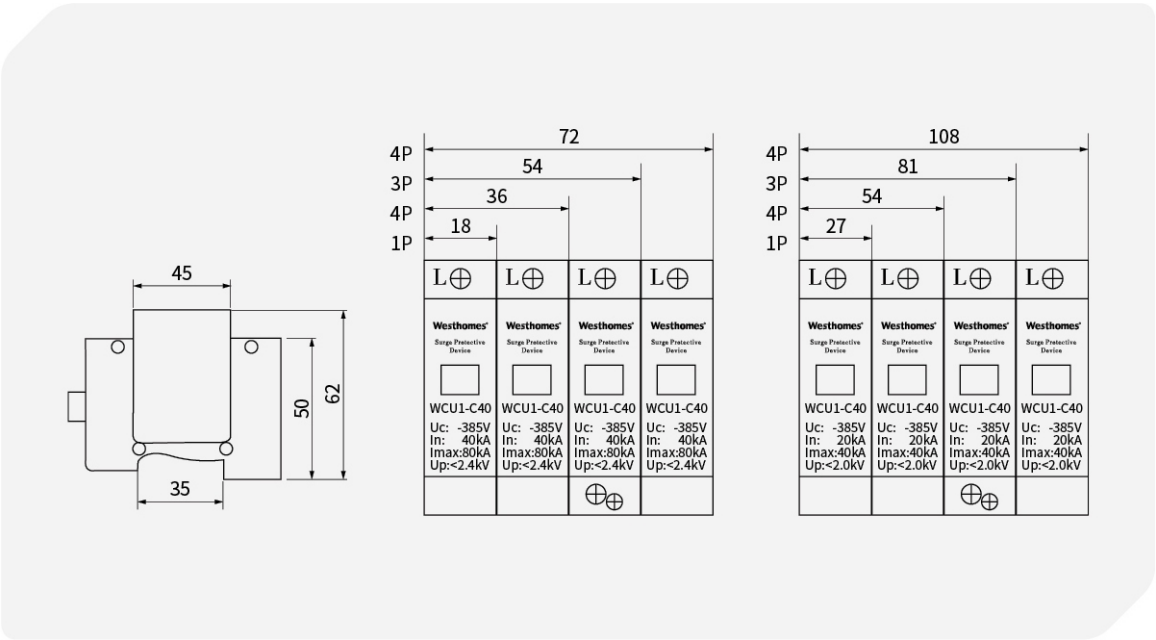
WCU1

Main Technical Parameters

Model	Rated Voltage(Uo)	Maximum sustained voltageUc(V)	Protection level UP(KV)	Maximum Current Imax(ka)	Nominal Discharge Current In(ka)	Response Time Ns	TEMP °C
WCU1-D/10	230V/400V	385	0.7/10	10	5	<25	-40~+80°C
WCU1-D/20			1.5	20	10		
WCU1-C/30			2.0	30	15		
WCU1-C/40			2.0	40	20		
WCU1-B/60			2.3	60	30		
WCU1-B/80			3.3	80	40		
WCU1-B/100			3.3	100	60		
N-PE		275/320	1.0/1.5		20/40/60	<100	

Main technical parameters(T1 protection)

Model	Rated Voltage(Uo)	Maximum sustained voltageUcUc(V)	Protection level UP (KV)	Maximum Current Imax(ka)	Nominal Discharge Current In(ka)	Response Time Ns	TEMP °C
WCU8-I-25	220V	255	2.0	25	25	<10	-40~+80°C



WSB9SZ-100

External Miniature Circuit Breaker
for Meter (MCB)

WSB9SZ-100 external circuit breaker is a fully automatic pre-paid circuit breaker, suitable for AC 50Hz or 60Hz, rated operating voltage AC220V, (AC230V), rated current 6A to 100A in the line, the line is remotely controlled to break or automatically close. At the same time, the overload and short circuit protection of the line can also be used as the infrequent operation of the line, and the 1C card prepaid kilowatt-hour meter is equipped with an external special circuit breaker.

Widely used in low-voltage power grid construction, power station construction, airports, ports, railways, communications, radar stations, traffic signals, industrial and mining enterprises, but also as a residential area centralized meter reading and control charges, residential, hotels, shops, office buildings, smart home the best ideal products.

This product conforms to GB/T10963.1 IEC60898-1 standard, China Southern Power Grid and State Grid "External Low-voltage Circuit Breaker for Fee control energy meter Technical Regulations"

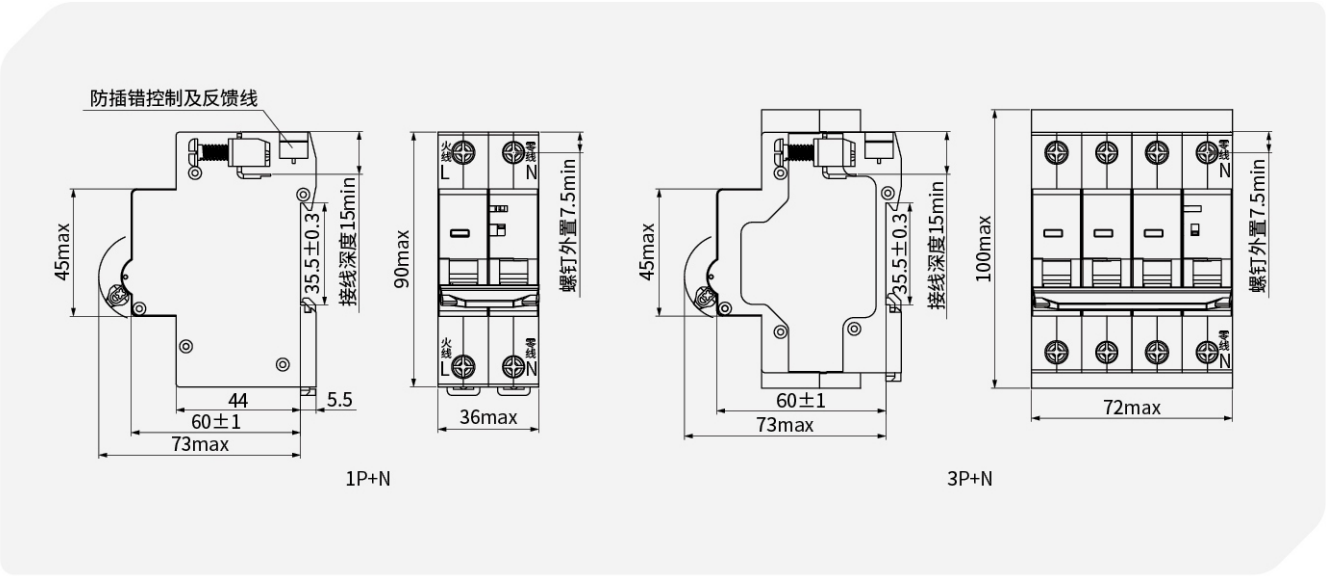


External Miniature Circuit Breaker for Meter (MCB)

WSB9SZ-100

Main Technical Parameters

Model	WSB9SZ-100
Rated Current In(A)	6、10、16、20、25、32、40、50、63、80、100
Poles	1P+N,3P+N
Trip characteristics	C type (5-10In)
Nominal Insulation VoltageUi(V)	500
Rated Voltage Ue(V)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kV)	6
Rated Short-Circuit Capacity Icn(kA)	6
Short-Circuit Capabilit Ics(kA)	6
Mechanical Endurance	12000 times
Electrical Endurance	6000
Control Method	Remote fully automatic control method
Standard Signal Cable Length	50cm(CNTV)



WSB9SZ-100 1P+N



WSB9SZ-100 3P+N



WSB9SZ-125

External Miniature Circuit Breaker for Meter (MCB)

WSB9SZ-125 external circuit breaker is a fully automatic pre-paid circuit breaker, suitable for AC 50Hz or 60Hz, rated working voltage is AC230V/400V, rated current 6A to 125A line, the line is remotely controlled to break or automatically close, while the line plays the role of overload and short circuit protection. It can also be used for the infrequent operation of the line conversion, and the 1C card prepaid kilowatt-hour meter is equipped with an external special circuit breaker. Widely used in low-voltage power grid construction, power station construction, airports, ports, railways, communications, radar stations, traffic signals, industrial and mining enterprises, but also as a residential area centralized meter reading and control charges, residential, hotels, shops, office buildings, smart home the best ideal products. This product conforms to GB/T10963.1 IEC60898-1 standard and "Technical Specification for External Low-voltage Circuit breaker for Fee control energy meter" of China Southern Power Grid.

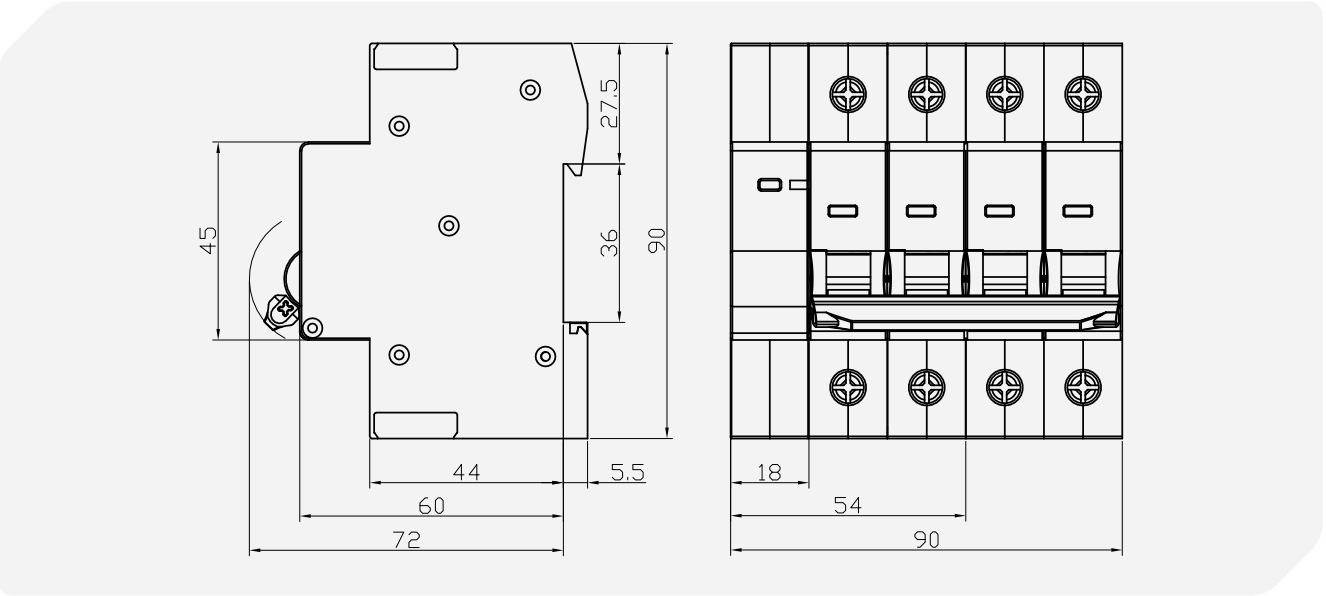


External Miniature Circuit Breaker for Meter (MCB)

WSB9SZ-125

Main Technical Parameters

Model	WSB9SZ-125	WSB9Z-125H
Rated Current In(A)	6、10、16、20、25、32、40、50、63、80、100、125	
Poles	1P+N,2P,3P,3P+N,4P	
Trip characteristics	C type (5-10In)	
Nominal Insulation Voltage Ui(V)	500	
Rated Voltage Ue(V)	AC230V/AC400V	
Rated Impulse Withstand Voltage Uimp(kV)	6	
Rated Short Circuit Capability Icn(kA)	6	10
Short-Circuit Withstand Capacity Ics(kA)	6	7.5
Mechanical Endurance	12000 times	
Electrical Endurance	6000	
Control Method	Remote fully automatic control method	
Standard signal cable length	50cm(national network and Southern network 2 kinds)	



WSB9SZ-125II

External Miniature Circuit Breaker for Meter (MCB)

WSB9SZ-125II external circuit breaker is a fully automatic pre-paid circuit breaker, suitable for AC 50Hz or 60Hz, rated operating voltage AC230V/400V, rated current 6A to 125A of the line, the line is remotely controlled to break or automatic closing, while the line plays the role of overload and short circuit protection. Can also be used as a line of frequency

For the conversion of many operations, the 1C card prepaid kilowatt-hour meter is equipped with an external special breaker.

Widely used in low-voltage power grid construction, power station construction, airports, ports, railways, communications, radar stations, traffic signals, industrial and mining enterprises, but also as a residential area centralized meter reading and control charges, residential, hotels, shops, office buildings, smart home the best ideal products.

IEC60898-1 standard, China Southern Power Grid "Technical Specification for external low-voltage circuit breakers for fee control energy meters".

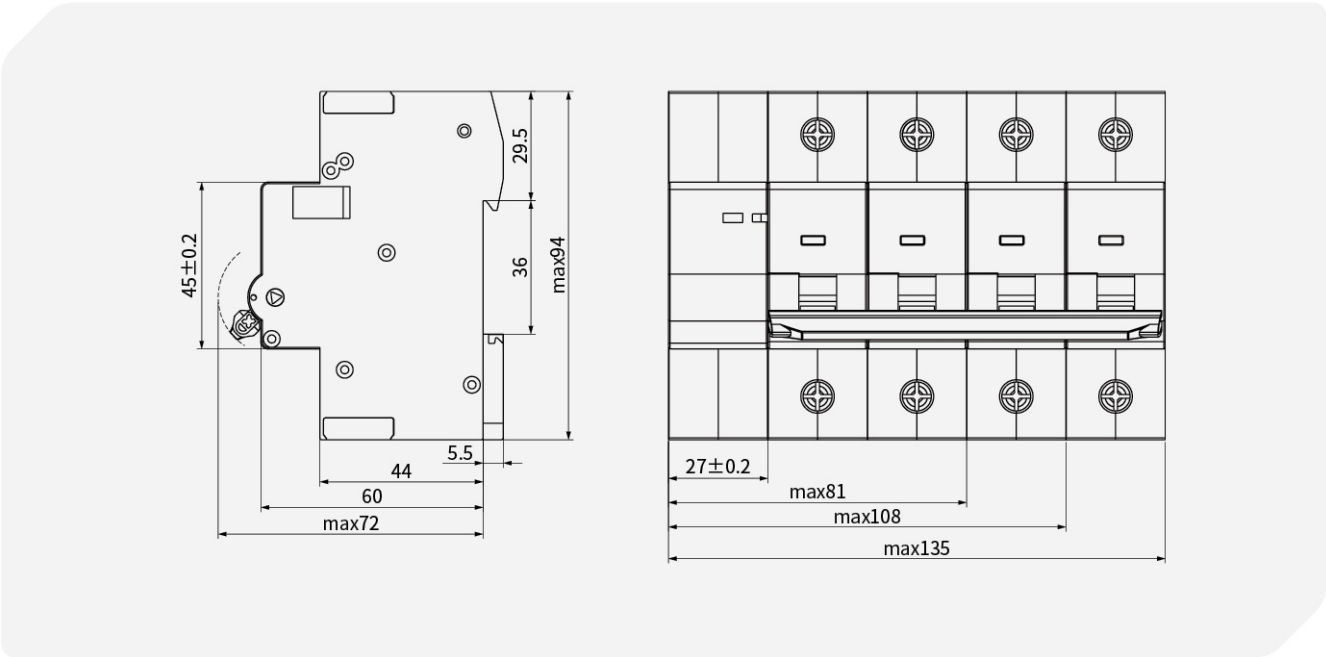


External Miniature Circuit Breaker for Meter (MCB)

WSB9SZ-125II

Main Technical Parameters

Model	WSB9SZ-125II
Rated Current In(A)	80、100、125
Poles	2P,3P,3P+N,4P
Trip characteristic	C type (5-10In)
Nominal Insulation Voltage Ui(V)	500
Rated Voltage Ue(V)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kV)	6
Rated Short Circuit Capability Icn(kA)	6
Short-Circuit Withstand Capacity Ics(kA)	6
Mechanical Endurance	12000 times
Electrical Endurance	6000
Control Method	Remote fully automatic control method
Standard signal cable length	50cm(national network and Southern network 2 kinds)



- WSB9SZ-125II 1P+N
- WSB9SZ-125II 3P



- WSB9SZ-125II 3P+N



- WSB9SZ-125II 1P+N PV cost control



- WSB9SZ-125II 3P+N PV cost control



WSB9SZ-125

External Miniature Circuit Breaker
for Meter (MCB) (PV Type)

WSB9SZ-125 photovoltaic circuit breaker has over and under voltage protection, and can automatically shut down when the voltage returns to normal. It is suitable for AC 50Hz or 60Hz, rated working voltage is AC230V/400V, rated current 6A to 125A line, while the line plays the role of overload and short circuit protection, and can also be used as the line's infrequent operation conversion, is a photovoltaic grid-connected special circuit breaker.

This product conforms to GB/T10963.1 IEC60898-1 standard.

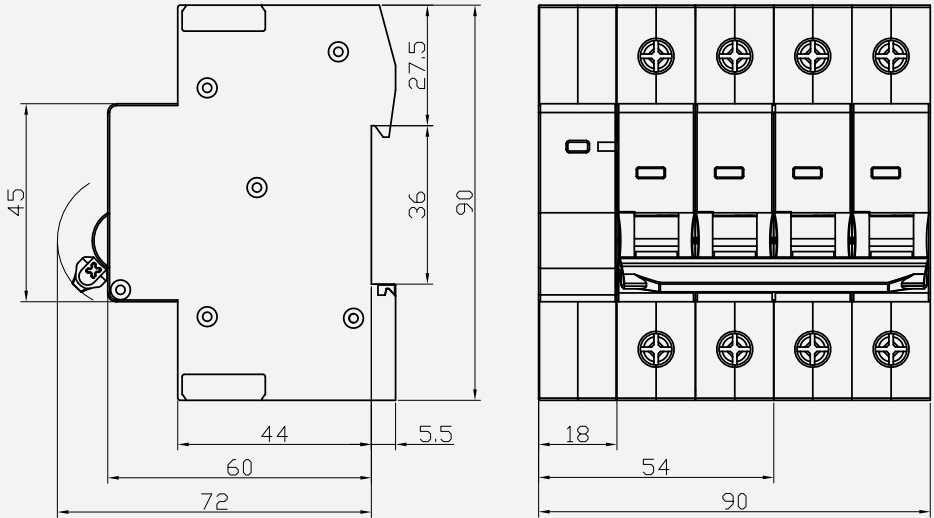


External Miniature Circuit Breaker for Meter (MCB) (PV Type)

WSB9SZ-125

Main Technical Parameters

Model	WSB9SZ-125(PV Type)	WSB9SZ-125H(PV Type)
Rated Current In(A)	6、10、16、20、25、32、40、50、63、80、100、125	
Poles	1P+N,2P,3P+N,4P	
Trip characteristic	C type (5-10In)	
Nominal Insulation Voltage Ui(V)	500	
Rated Operational Voltage Ue(V)	AC230V/AC400V	
Rated Impulse Withstand Voltage Uimp(kV)	6	
Rated Short Circuit Capability Icn(kA)	6	10
Operating Short-circuit Capability Ics(kA)	6	7.5
Mechanical Endurance	12000 times	
Electrical Endurance	6000	



WSB9SZ-125 1P+N PV Type



WSB9SZ-125 3P+N PV Type



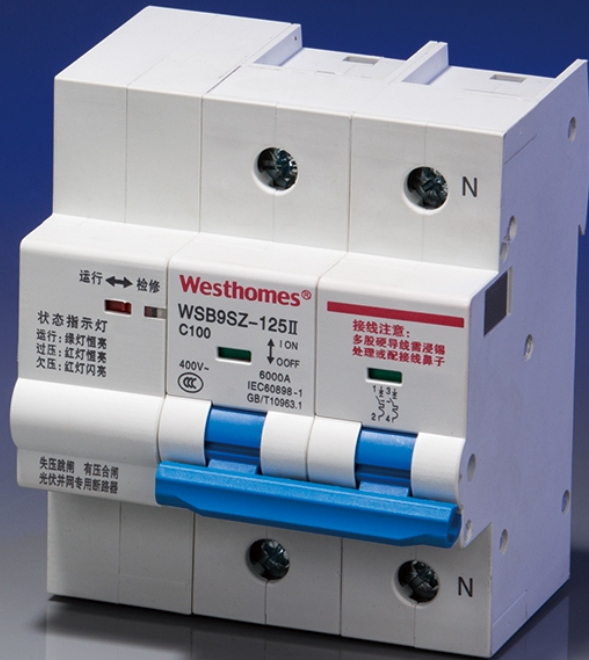
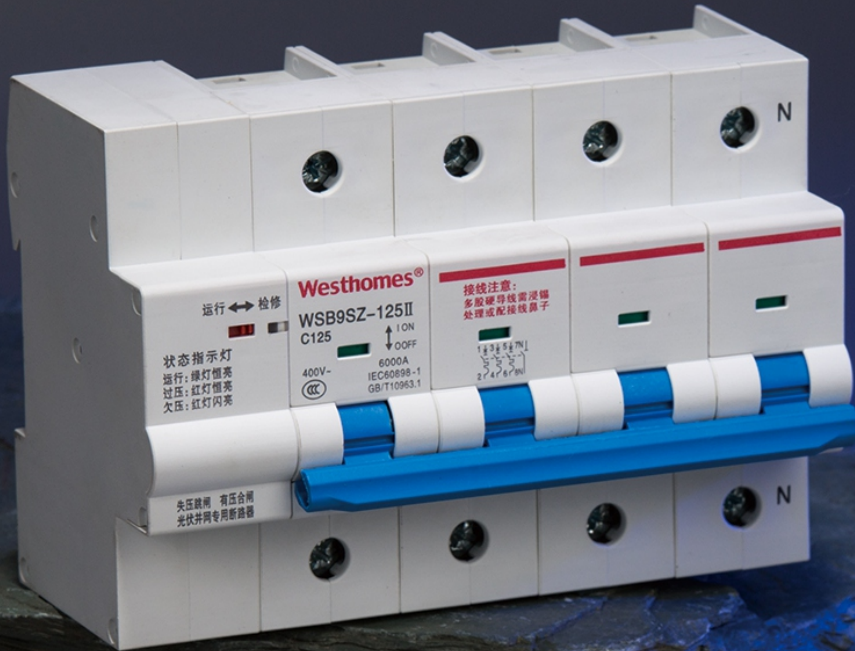
WSB9SZ-125II

External Miniature Circuit Breaker
for Meter (MCB) (PV Type)

WSB9SZ-125II photovoltaic circuit breaker has over and under voltage protection, and can automatically close when the voltage returns to normal.

It is suitable for AC 50Hz or 60Hz, rated working voltage is AC230V/400V, rated current 6A to 125A line, while the line plays the role of overload and short circuit protection, and can also be used as the line's infrequent operation conversion, is a photovoltaic grid-connected special circuit breaker.

This product conforms to GB/T10963.1 IEC60898-1 standard.

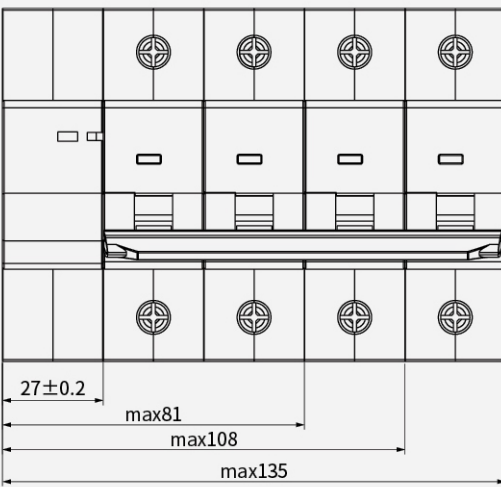
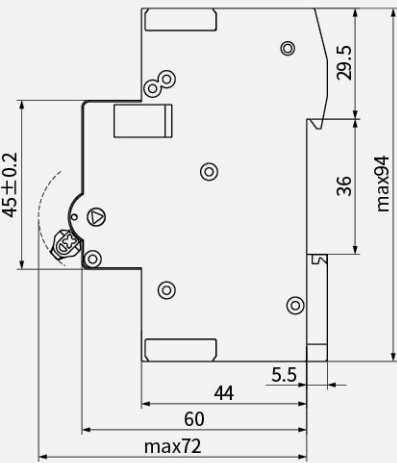


External Miniature Circuit Breaker for Meter (MCB) (PV Type)

WSB9SZ-125II

Main Technical Parameters

Model	WSB9SZ-125II(PV Type)
Rated Current In(A)	80、100、125
Poles	2P, 3P+N,4P
Trip characteristic	C type (5-10In)
Nominal Insulation Voltage Ui(V)	500
Rated Operational Voltage Ue(V)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kV)	6
Rated Short Circuit Capability Icn(kA)	6
Operating short-circuit capability Ics(kA)	6
Mechanical Endurance	12000 times
Electrical Endurance	6000



WSB9SZ-125II 1P+N PV Type



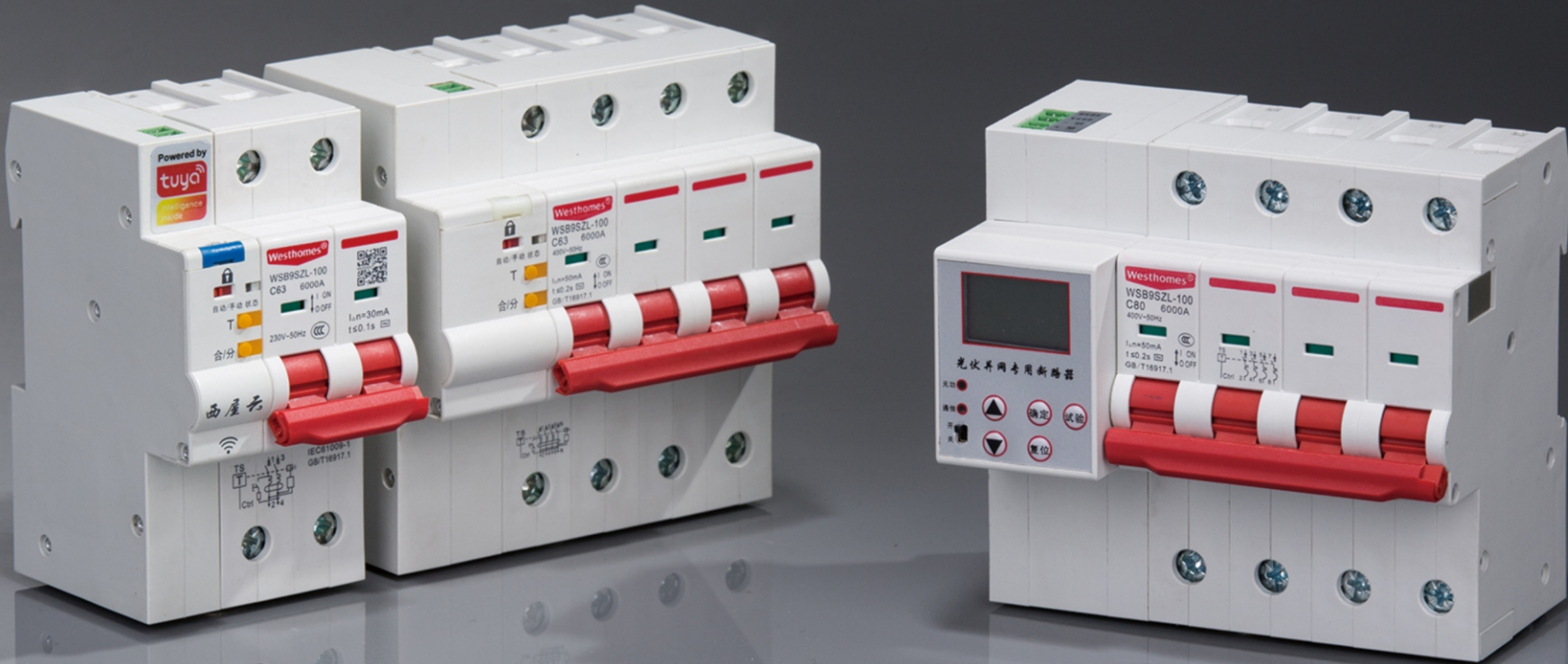
WSB9SZ-125II 3P+N PV Type



WSB9SZL-100

lot Miniature Earth Leakage Circuit Breaker For Meter (lot RCCB)

WSB9SZL-100 with remote control function with overcurrent protection residual current action circuit breaker is the company's latest research and development of a new intelligent circuit breaker, using 32-bit high speed and high reliable single-chip microcomputer design, set charge control, overvoltage, undervoltage, short circuit, overload, leakage protection in one. With RS485 communication function, it can accurately and timely transmit the power parameters and switch status to the background system, which is convenient for the operation and maintenance management of the power supply department. The product is suitable for AC 50Hz, rated working voltage AC230V, rated current flow 6A to 100A in the line, remote control of the line, while the line plays the role of overload, short circuit, over and under voltage, leakage protection, can also be used as the line infrequent operation. This product complies with GB/T16917.1 GB/T16917.22 IEC61009-1 standard.

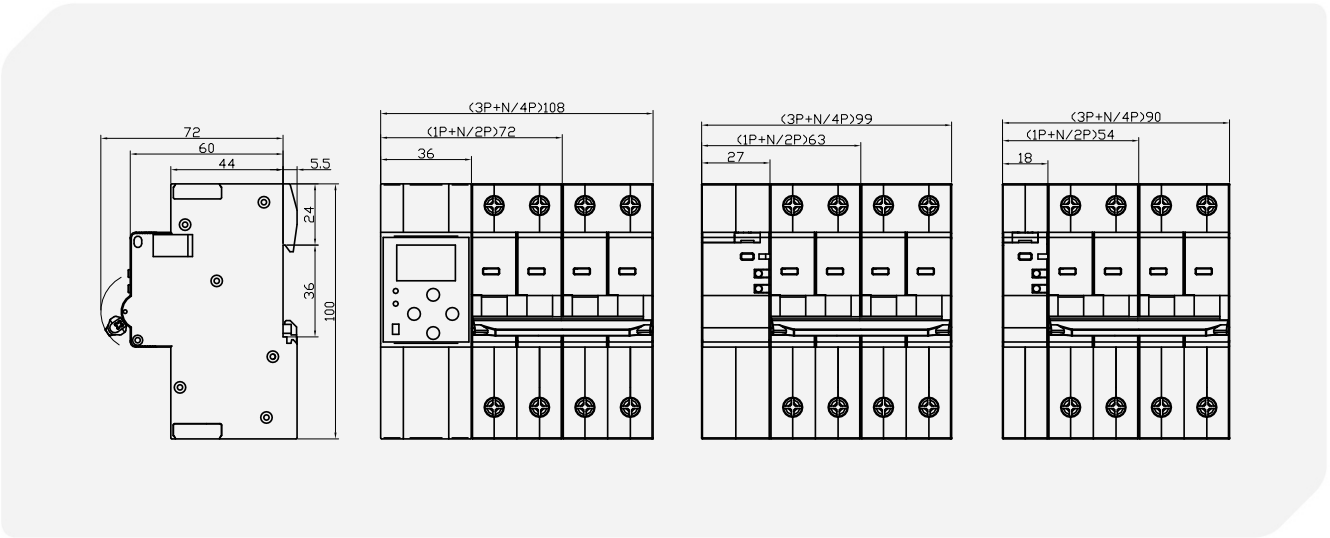


lot Miniature Earth Leakage Circuit Breaker For Meter (lot RCCB)

WSB9SZL-100

Main Technical Parameters

Model	WSB9SZL-100
Rated Current In(A)	6、10、16、20、25、32、40、50、63、80、100
Poles	1P+N、2P、3P+N、4P
Trip characteristics	C type (5-10In)
NominalInsulation Voltage Ui(V	500
Rated Operational Voltage Ue(V)	AC230V/AC400V
Rated Impulse Withstand Voltage Uimp(kV)	4
Rated Residual Current (I△n)	30mA、50mA、100mA
Control Signal:	Communication Protocol(rs485)
Rated Short Circuit Capability Icn(kA)	6
Operating short-circuit capability Ics(kA)	6
Mechanical Endurance	12000 times
Mechanical Endurance	6000
Rated residual interruption and switching capacity(I△m)	2000A
Control Method	Remote fully automatic control method



WSB9SZL-100 2P



WSB9SZL-100 4P



WSB9SZL-100 4P LCD



WCM1

Moulded Case Circuit Breaker (MCCB)

WSB9SZL-100 with remote control function with overcurrent protection residual current action circuit breaker is the company's latest research and development of a new intelligent circuit breaker, using 32-bit high speed and high reliable single-chip microcomputer design, set charge control, overvoltage, undervoltage, short circuit, overload, leakage protection in one. With RS485 communication function, it can accurately and timely transmit the power parameters and switch status to the background system, which is convenient for the operation and maintenance management of the power supply department. The product is suitable for AC 50Hz, rated working voltage AC230V, rated current flow 6A to 100A in the line, remote control of the line, while the line plays the role of overload, short circuit, over and under voltage, leakage protection, can also be used as the line infrequent operation. This product complies with GB/T16917.1 GB/T16917.22 IEC61009-1 standard.

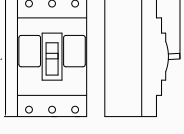
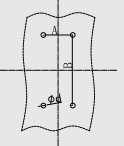


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Moulded Case Circuit Breaker (MCCB)

WCM1

Main Technical Parameters

Model		Parameter																	
Shell Frame Rated Current Inm(a)		63		125				250			400			630			800		1250
Breaking Capacity Rating		L	M	C	L	M	H	L	M	H	L	M	H	L	M	H	M	H	
Rated Current Of The Trip Device In(a)		10、16、20、25、32、40、50、63		16、20、25、32、40、50、63、80、100、125				100、125、140、160、180、200、225、250			200、225、250、315、350、400			400、500、630			630、700、800		800、1000、1250
Poles		3P/4P		2P/3P/4P				2P/3P/4P			3P/4P			3P/4P			3P/4P		3P/4P
Nominal Insulation Voltage Ui(v)		1000		1000				1000			1000			1000			1000		1000
Rated Operational Voltage Ue(v)		AC400V		AC400V				AC400V			AC400V			AC400V			AC400V		AC380V
Rated Impulse Withstand Voltage Uimp(kv)		8		8				8			8			8			8		8
Selective Class		A Class		A Class				A Class			A Class			A Class			A Class		A Class
Short rated limit Icu(kA)	AC400V	35	50	20	35	50	85	35	50	85	50	65	100	50	65	100	75	100	65
Short running rating Ics(kA)	AC400V	25	35	10	25	35	50	25	35	50	25	42	65	25	42	65	50	65	40
Dimensions (mm)		W	75/103	65/93/107				74.5/107/142			150/198;Bind 140/184			182/238			210/280		210/280
		L	136	150				165			257;Bind 257			270			280		466
		H	66.5	61		79		81	99		102;Bind 108			105.5			107.5		139
		H1	90.5	86		104		110	127		151.5;Bind 146			155			155		190
Mounting dimension (mm)		A	25	30				35			44/90;Bind 44/88			58			70		70
		B	115	130.5				126			194;Bind 215			200			243		300
		Φd	3.5	4.5				5			7;Bind 6.5			7			7		9.5

Moulded Case Circuit Breaker (MCCB)

WCM1

■ WCM1-63 3P



■ WCM1-63 4P



■ WCM1-125 2p



■ WCM1-125 3P



■ WCM1-125 4P



■ WCM1-125s 3P



■ WCM1-250 2P



■ WCM1-250 3P



■ WCM1-250 4P



■ WCM1-250S 3P



Moulded Case Circuit Breaker (MCCB)

WCM1

■ WCM1-630 3P



■ WCM1-630 4P



■ WCM1-630S 3P



■ WCM1-630SY 4P



■ WCM1-400 3P



■ WCM1-400 4P



■ WCM1-400S 3P



■ WCM1-400SY 4P



■ WCM1-800 3P



■ WCM1-800 4P



■ WCM1-1250 3P



WCM1L

Earth Leakage Circuit Breaker (ELCB)

WCM1L series plastic shell circuit breaker with residual current protection (hereinafter referred to as circuit breaker) is one of the new circuit breakers developed by our company using international advanced design and manufacturing technology. Its rated insulation voltage is 1000V, suitable for AC 50Hz, rated working voltage 400V, rated working current to 800A circuit for infrequent conversion and motor infrequent start. The circuit breaker has the functions of overload, short circuit and undervoltage protection, which can protect the lines and power equipment from damage. At the same time, it can also protect the long-term ground fault that can not be detected by overcurrent protection. According to its rated limit short-circuit breaking capacity (Icu), the circuit breaker is divided into M type (higher breaking type 2) and H type (high breaking type). The circuit breaker has the characteristics of small volume, high breaking, short flying arc and anti-vibration. This product complies with GB/T14048.2 IEC60947-2 standard requirements



Earth Leakage Circuit Breaker (ELCB)

WCM1L

Main Technical Parameters

Model			Parameter									
Shell Frame Rated Current Inm(a)			125		250		400		630		800	
Breaking Ability Level			Ordinary type	H	Ordinary type	H	Ordinary type	H	Ordinary type	H	Ordinary type	H
Rated Current Of The Trip Device In(a)			16、20、25 32、40、50、63、80、100、125		100、125、140、160、180 200、225、250		200、225、250、315、350、400		400、500、630		630、700、800	
Poles			2P/3P/4P		2P/3P/4P		3P/4P		3P/4P		3P/4P	
Nominal Insulation Voltage Ui(v)			1000		1000		1000		1000		1000	
Rated Operational Voltage Ue(v)			AC230V/AC400V		AC230V/AC400V		AC400V		AC400V		AC400V	
Rated Impulse Withstand Voltage Uimp(kv)			8		8		8		8		8	
Selective Class:			A Class		A Class		A Class		A Class		A Class	
Rated Residual Operating Current In(ma)			100、300、500、1000		100、300、500、1000		100、300、500、1000		100、300、500、1000		100、300、500、1000	
Limits Do Not Drive Time It(s)			0.1、0.5、OFF		0.1、0.5、OFF		0.1、0.5、OFF		0.1、0.5、OFF		0.1、0.5、OFF	
Rated Short-Circuit Breaking Capacity Icu(kA)	AC400V		35	55	35	55	50	75	50	75	50	75
Rated Short-Circuit Breaking Capacity Ics(kA)	AC400V		25	35	25	35	35	55	35	55	35	55
Boundary Dimension (mm)		W	62/92/123		75/107/142		150/198		210/282		210/282	
		L	150		166		258		281		281	
		H	90		88		102		112		112	
		H1	111		112		150		157		157	
Mounting dimension (mm)		A	30		35		44		70		70	
		B	129		126		194		243		243	
		Φd	4.5		4.5		6.5		6.5		6.5	
Note: The rated residual operating current and maximum non-driving time can be customized according to user requirements.												

Earth Leakage Circuit Breaker (ELCB)

WCM1L

■ WCM1L-125 2P



■ WCM1L-125 3P



■ WCM1L-125 4P



■ WCM1L-250 3P



■ WCM1L-250 4P



Earth Leakage Circuit Breaker (ELCB)

WCM1L

■ WCM1L-400 3P



■ WCM1L-400 4P



■ WCM1L-800 3P



■ WCM1L-800 4P



WCM1E

Electronic Molded case
Circuit Breaker

WCM1E series intelligent plastic case circuit breaker is developed by our company using international advanced design and manufacturing technology, open 1000V, suitable for AC 50Hz, rated working voltage 400V, rated working current to 1250A circuit for infrequent conversion and motor infrequent start. The circuit breaker has overload long delay inverse time, open short delay inverse time, short circuit short delay fixed time, short circuit instantaneous and long undervoltage protection force, which can protect the line and current equipment from damage.This product complies with GB/T14048.2 IEC60947-2 standard requirements.



INTELLIGENT CONTROL BUILDING THE FUTURE

Electronic Molded case Circuit Breaker

WCM1E

Main Technical Parameters

Items			Parameter												
Bracket rating current Inm(A)			125			250			400		630		800		1250
Breaking ability level			L	M	H	L	M	H	M	H	M	H	M	H	
Rated Current In(Setting current Ir1)A			16、20、25、32、40、50、63、80、100、125			100、125、140、160、180、200、225、250			200、225、250、315、350、400		400、500、630		630、700、800		800、1000、1250
poles			3P/4P			3P/4P			3P/4P		3P/4P		3P/4P		3P/4P
nominal insulation voltage Ui(V)			1000			1000			1000		1000		1000		1000
rated operational voltage Ue(V)			AC400V			AC400V			AC400V		AC400V		AC400V		AC400V
rated impulse withstand voltage Uimp(V)			8			8			12		12		12		12
rated short time current Icw(kA/1s)			5			5			8		10		10		10
Selective class :			B Class			B Class			B Class		B Class		B Class		B Class
Rated Short-Circuit Breaking Capacity Icu(kA)	AC400V		35	50	85	35	50	85	65	100	65	100	65	100	65
Rated Short-Circuit Breaking Capacity Ics(kA)	AC400V		25	35	65	25	35	65	50	85	50	85	50	85	50
Boundary Dimension (mm)		W	92/122			107/142			150/198		182/240		210/280		210/280
		L	150			165			258		270		280		466
		H	80			85			98		104		106		139
		H1	108			110			150		156		156		190
Mounting dimension (mm)		A	30			35			44		58		70		70
		B	129			126			194		200		243		300
		φd	4.5			4.5			7		7		7		9.5

WCM1E-125



WCM1E-250



WCM1E-400



WCM1E-630



WCM1E-800



WCM1E-1250



WCM3

Moulded Case Circuit Breaker (MCCB)

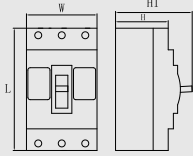
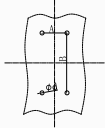
The main technical performance of WCM3 series plastic shell circuit breaker has reached the international level in the 1990s. It has the features of compact structure, small size, high short-circuit breaking ability, no flaring, modular installation of internal attachments, use of terminal protective cover to enhance safety, and "base", "cover" with different colors to enhance beauty. WCM3 series plastic shell type circuit breaker (hereinafter referred to as circuit breaker), suitable for AC 50Hz (or 60Hz), rated insulation voltage 1000V, rated working voltage 660V(690V) and below, DC 250V and below, rated current 12.5A~1600A circuit used for power distribution, It is used for infrequent closing and disconnecting under normal conditions, and is used to protect the line and equipment from overload, short circuit and undervoltage. Circuit breakers with rated shell class current of 400A and below can also be used for infrequent starting of cage motors, interruption in operation, and protection when the motor is overloaded, short-circuited and undervoltage.



Moulded Case Circuit Breaker (MCCB)

WCM3

Main Technical Parameters

The main technical data of the circuit breaker			WCM3 series				
Shell Frame Rated Current Inm(a)			125	160	250	400	630
Rated Current Of The Trip Device In(a)			12.5、16、20、32、40、50、63、80、100、125	16、20、32、40、50、63、80、100、125、160	100、125、160、180、200、225、250	200、225、250、315、350、400	400、500、630
Poles			3P/4P	3P/4P	3P/4P	3P/4P	3P/4P
Nominal Insulation Voltage Ui(v)			1000	1000	1000	1000	1000
Rated Operational Voltage Ue(v)			AC400V	AC400V	AC400V	AC400V	AC400V
Rated Impulse Withstand Voltage Uimp(kv)			8	8	8	8	8
Selective Class			A CLASS	A CLASS	A CLASS	A CLASS	A CLASS
Rated Limiting Short Circuit Breaking Capacity Icu(kA)	AC400V		35	35	40	40	50
Rated Short-Circuit Interrupting Capacity Ics(kA)	AC400V		26.25	26.25	30	30	35
Outer Dimensions (m m)		W	76/101	90/120	105/140	140/184	210/280
		L	120	120	170	254	268
		H	70	70	103.5	103.5	103.5
		H1	91	93	135	135	167.5
Installation dimensions (m m)		A	25/50	30/60	35/70	43.75/87.5	70/140
		B	100	100	139	214	237
		ϕd	4.5	4.5	5.5	5.5	5.5

■ WCM3-125S



■ WCM3-160S



■ WCM3-250S



■ WCM3-630S



WCM4G

Moulded Case Isolator
(MCCB Isolator)

This series of isolation switch is suitable for AC 50Hz, rated insulation voltage 1000V, rated voltage AC4000V
For mixed on-off resistance and inductance loads, including suitable overloads.
The series of circuit breakers can be installed vertically (that is, vertically installed), and can be installed horizontally (that is, horizontally installed).
This product conforms to GB/T14048.3-2017 standard



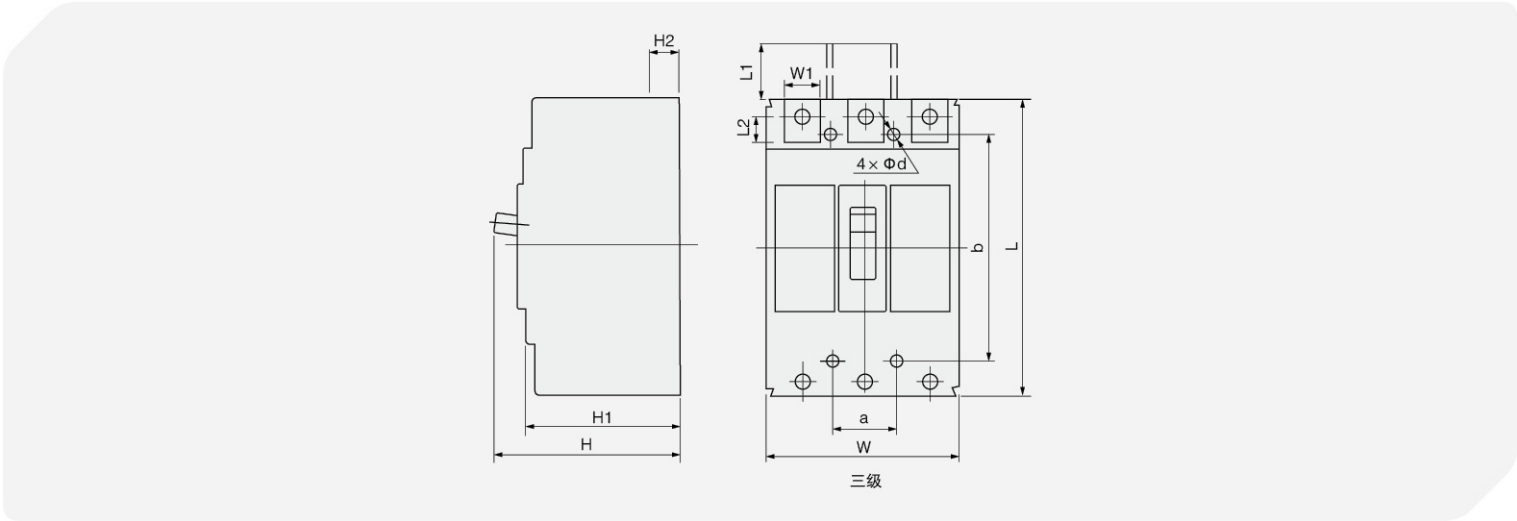
INTELLIGENT CONTROL BUILDING THE FUTURE

Moulded Case Isolator (MCCB Isolator)

WCM4G

Main Technical Parameters

Model	Rated Operational Voltage (v)	Nominal Insulation Voltage (v)	Bracket rating current (A)	Iew(kA/1s)	Iem(kA)	Poles
WCM4G-125	AC400V	1000V	10,16,20,25,32,40,50,63,80,100,125	3.2	5	2,3,4
WCM4G-250			63,80,100,125,140,160,180,200,225,250	3.2	5	2,3,4
WCM4G-630			250,315,400,500,630	8	14	3,4



Model	Poles	Overall Dimensions								Installation Dimension		
		L	L1	L2	W	W1	H1	H1*	H2*	a	b	d
WCM4G-125/3P 125	3	150	51	7	92	17.5	103.5	87	24	30	129	4.5
WCM4G-250/3P 250	3	165	64	9	107	17	124.5	104	24.5	35	126	5.5
WCM4G-630/3P 400	3	257	104.5	13	140	31	146	100	36.5	44	215	6.7
WCM4G-630/3P 630	3	270	118	18	182	44	160	108	41	58	200	7

■ WCM4G-125



■ WCM4G-250



■ WCM4G-630



WCM4E

Moulded Case Circuit Breaker
(LED+Metering +Signal Carrier)

WCM4E series plastic-case circuit breaker (hereinafter referred to as circuit breaker) is one of the new circuit breakers developed and developed by our company using international advanced technology. Its rated insulation voltage is 1000V, suitable for AC 50Hz or (60Hz), rated working voltage 400V and below. In the rated working current of 15A to 800A, it is used to distribute electrical energy, make infrequent closing and disconnecting under normal conditions, and play a protective role in the overload and undervoltage of the line and equipment. Circuit breakers with rated shell class current of 400A and below can also be used for infrequent starting of squirrel cage motors, interrupted operation and protection when the motor is overloaded, short circuited and under voltage.
This product complies with GB/T14048.2 IEC60947-2 standard requirements.

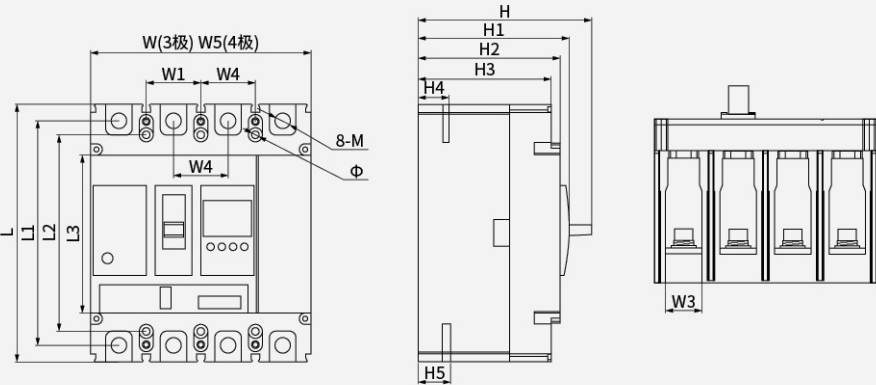


Moulded Case Circuit Breaker (LED+Metering +Signal Carrier)
WCM4E

Main Technical Parameters

Parameter	WCM4E		
Frame Grade Current Inm(A)	125 250、400、630、800 choosable		
Rated Current In(A)	0.4-1.0Inm(A)continuously adjustable		
Nominal Voltage Ue	AC400		
Breaking Capacity (A)	WCM4E-125/250	WCM4E-400	WCM4E-630/800
	L type:Ics:25,Icu:35		
	M type:Ics:35,Icu:50	Mtype:Ics:50,Icu:65	Mtype:Ics:50,Icu:65
	Htype:Ics:65,Icu:85	Htype:Ics:85,Icu:100	Htype:Ics:85,Icu:100
Short-time Withstand Current Icw	5KA/1s	8KA/1s	10KA/1s
Rated Impulse Withstand Voltage Uimp	8KV	12KV	12KV
Nominal Insulation Voltage Ui	1000V		
Rated Frequency (Hz)	50		
Poles	3P+Customer Line External Connection 、4P		
Product Usage Category	B type		
Overload Delay Time (s)	3-18s adjustable		
Short Circuit Delay Multiple (xIn)	2-12 adjustable		
Short Circuit Short Delay Time (ms)	30-600 continuously adjustable		
Short Circuit Instantaneous Multiplier (xIn)	4-14 adjustable		
Overpressure Actuation Value (v)	Default 275±2%(User can set)		
Undervoltage Action Value (v)	Default 65±2%(User can set)		
Missing Phase Action Value (v)	Default 120±2%(User can set)		

Model	W	W1	W2	W3	W4	W5	L	L1	L2	L3	H	H1	H2	H3	H4	H5	Φ	M
WCM4E-250(125)	107	35	35	23	35	142	165	144	126	102	111	96.5	91	85.5	23	23	5	8
WCM4E-400	150	44	48	31	50	198	257	224	194	126	150	115	108	100	39	38	7	10
WCM4E-630	182	58	58	43	58	240	270	234	200	184	156	120	113	103	40	40	7	10
WCM4E-800(630)	210	70	70	44	70	210	280	243	243	204	158	120	116	103	40	43	7	12



WCM4E-250



WCM4E-400



WCM4E-800



WCM4E

Moulded Case Circuit Breaker
(Measuring)



WCM4E measuring switch is an intelligent measuring switch (characteristic current) series independently developed and produced by our company, which is suitable for AC 50HZ, fixed current 250A (100A-250A can) In a distribution network with a rated insulation voltage of 1000V and a fixed working voltage of 400V, the three-phase four-wire and the neutral point are directly grounded. The measuring switch (characteristic current) has many iot sensing functions such as HPLC communication, high-precision AC sampling, power supply relationship topology identification, metering box management, power theft warning, power outage event reporting, line loss analysis and judgment, terminal temperature detection, automatic fault diagnosis, etc. With overload long delay, short circuit short delay, short circuit instantaneous, over and under voltage and phase break protection functions, a variety of protection functions for lines and thin equipment to protect the detection and monitoring of the load end can reduce the power grid operation and maintenance costs, can provide the necessary data for future energy efficiency system.

This product complies with GB/T14048.2 IEC60947-2 standard requirements.

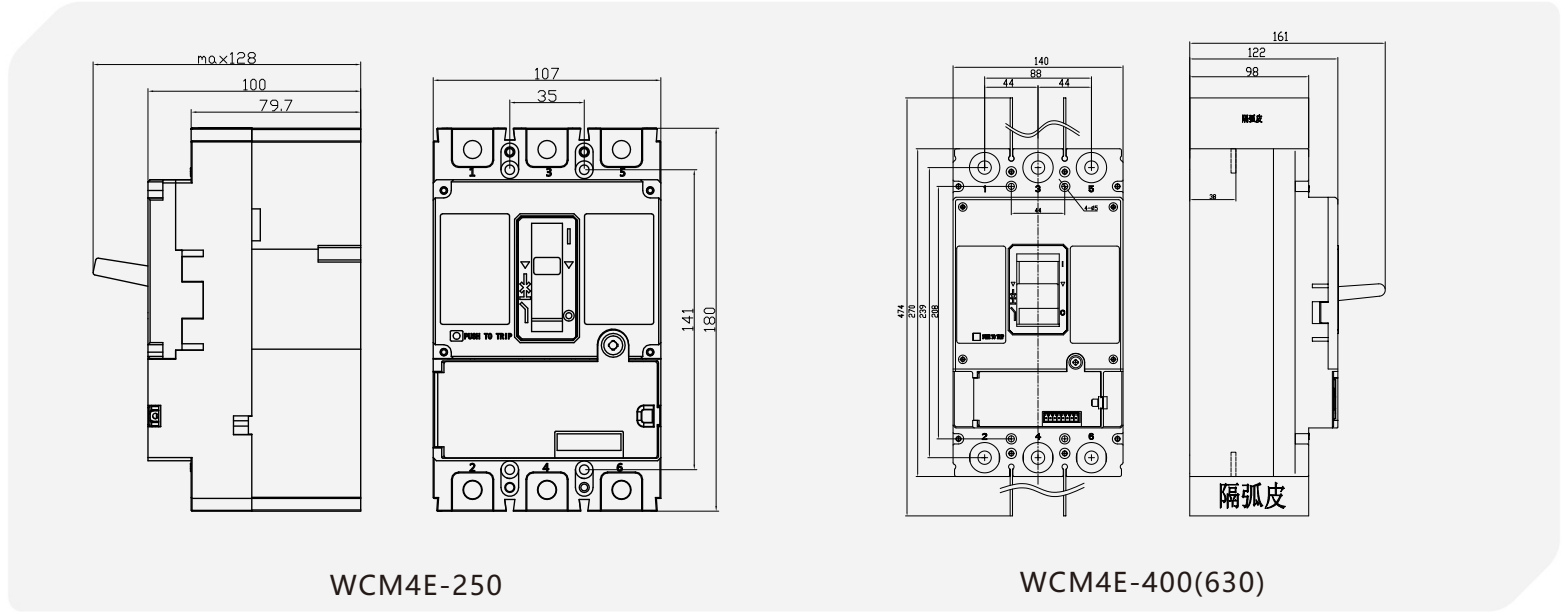


Moulded Case Circuit Breaker (Measuring)

WCM4E

Main Technical Parameters

Model	WCM4E-250	WCM4E-400/630
Poles	3	
Mode Of Connection	Three-phase Four-wire	
Rated Operational Voltage Ue(v)	AC400V	
Rated Current In(a)	125、160、200、250	250、315、350、400、500、630
Nominal Insulation Voltage Ui(v)	1000	
Rated Impulse Withstand Voltage Uimp(kv)	8	
Rated Short-circuit Breaking Capacity Ics(ka)	L:25; M:36	M:50H:65
Rated Short-circuit Breaking Capacity Icu(ka)	L:36;M:50	M:65;H:85
Icw(ka)	5/1s	10/1s
Utilization Category	B	
Mechanical Endurance	8000	5000
Electrical Endurance	5000	1000
Overall Dimensions (mm)(L X W X H)	180x107x100	270x140x122
Mounting Dimension	141*35(4x4.4 Hole)	208*44(4x5 Hole)



●WCM4E-250 Measurin



●WCM4E-400 Measurin



WCM4E

Moulded Case Circuit Breaker
(Special for southern network Measuring)

WCM4E measuring switch is an intelligent measuring switch (characteristic current) series independently developed and produced by our company. It is suitable for three-phase four-wire distribution network with AC 50HZ, rated current 250A(100A-250A adjustable), rated insulation voltage 1000V, rated working voltage 400V, and neutral point directly grounded. The measuring switch (characteristic current) has many iot sensing functions such as HPLC communication, high-precision AC sampling, power supply relationship topology identification, metering box management, power theft warning, power outage event reporting, line loss analysis and judgment, terminal temperature detection, automatic fault diagnosis, etc. It has overload long delay, short short delay, short short instantaneous, over and under voltage and phase break protection functions. Multiple protection functions protect lines and power equipment, and detection and monitoring at the load end can reduce grid operation and maintenance costs and provide the necessary data for future energy efficient systems. This product complies with GB/T14048.2 IEC60947-2 standard requirements.



INTELLIGENT CONTROL BUILDING THE FUTURE

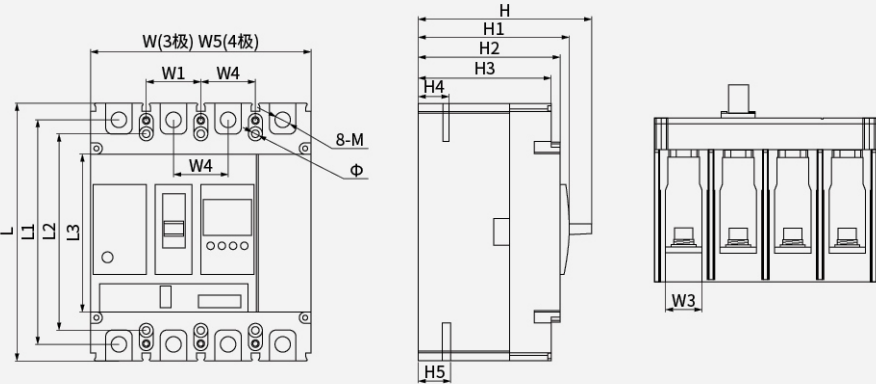
Moulded Case Circuit Breaker(Special for southern network Measuring)

WCM4E

Main Technical Parameters

Parameter	WCM4E		
Frame Grade Current Inm(A)	125 250、400、630、800choosable		
Rated Current In(A)	0.4-1.0Inm(A)continuously adjustable		
Nominal Voltage Ue	AC400		
Breaking Capacity (KA)	WCM4E-125/250	WCM4E-400	WCM4E-630/800
	L type :lcs:25,lcu:35		
	M type :lcs:35,lcu:50	M type :lcs:50,lcu:65	M type :lcs:50,lcu:65
	H type :lcs:65,lcu:85	H type :lcs:85,lcu:100	H type :lcs:85,lcu:100
Short-time Withstand Current Icw	5KA/1s	8KA/1s	10KA/1s
Rated Impulse Withstand Voltage Uimp	8KV	12KV	12KV
Nominal Insulation Voltage Ui	1000V		
Rated Frequency (Hz)	50		
Poles	3P+External passenger cable connection 、4P		
Product Usage Category	B class		
Overload Delay Time (s)	3-18s adjustable		
Short Circuit Delay Multiple (xIn)	2-12 a djustable		
Short Circuit Short Delay Time (ms)	30-600 continuously adjustable		
Short Circuit Instantaneous Multiplier (xIn)	4-14 adjustable		
Overpressure Actuation Value (V)	Default 275±2%(User can set)		
Undervoltage Action Value (V)	Default 165±2%(User can set)		
Phase Failure Trip Value (V)	Default 120±2%(User can set)		

	W	W1	W2	W3	W4	W5	L	L1	L2	L3	H	H1	H2	H3	H4	H5	Φ	M
WCM4E-250(125)	107	35	35	23	35	142	165	144	126	102	111	96.5	91	85.5	23	23	5	8
WCM4E-400	150	44	48	31	50	198	257	224	194	126	150	115	108	100	39	38	7	10
WCM4E-630	182	58	58	43	58	240	270	234	200	184	156	120	113	103	40	40	7	10
WCM4E-800(630)	210	70	70	44	70	210	280	243	243	204	158	120	116	103	40	43	7	12



WCM4E-250L



WCM4E-400m



WCM4E-630m



WCM4EL

Residual Current Protect Circuit Breaker
(RCCB Electronic type)

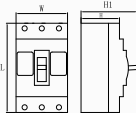
The circuit breaker is suitable for the environment of three-phase four-wire auxiliary power supply. Rated insulation voltage 1000V, suitable for 50Hz, rated operating voltage to 400V, fixed current to 400A circuit for infrequent conversion and motor infrequent start. The circuit breaker has overvoltage protection, undervoltage protection, voltage loss protection, phase loss protection, overload long delay inverse time, short circuit delay inverse time, short circuit delay fixed time, short circuit instantaneous and leakage trip protection functions, which can protect the line and power equipment from damage. This product complies with GB/T14048.2 IEC60947-2 standard requirements.



Residual Current Protect Circuit Breaker (RCCB Electronic type)

WCM4EL

Main Technical Parameters

The Main Technical Data Of Circuit Breaker			WCM4EL series			
Shell Frame Rated Current Inm(A)			250		400	
Breaking Ability Level			General	H	L	M
Rated Current Of The Trip Device In(A)			100、125、140、160、 180、200、225、250		225、250、315、350、400	
Poles			3P+N/4P			
Nominal Insulation Voltage Ui(V)			1000			
Rated Operational Voltage Ue(V)			AC400V			
Rated Remaining Operating Current I△n(MA)			30(Only non-lagging type)、50、100、200、 300、400、500、1000mA			
Rated Remaining Short-circuit Making And Breaking Capacity I△m(KA)			12.5		21.25	
Automatic Reclosing Time:			20s60s(only50、100、200、300、400、500、1000mA)			
Rated Impulse Withstand Voltage Uimp(V)			8			
Rated Short Time Current Icw(KA/1s)			10		15	
Selective Class :			B type			
Rated limit short-circuit breaking capacity Icu(kA)	AC400V		50	100	50	85
Rated operating short-circuit breaking capacity Ics(kA)	AC400V		35	85	35	55
Dimensions(mm)		W	140		198	
		L	165		257	
		H	91		108	
		H1	111		150	
Installation Dimension (mm)		A	70		96	
		B	126		194	
		ϕd	5		6	

■ WCM4EL-250 3P+N



■ WCM4EL-400 4P



WCM7EL

Residual Current Protect Circuit Breaker (RCCB Recloser)

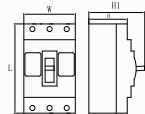
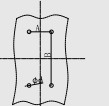
WCM7EL series residual current protection circuit breaker (automatic reclosing) is a new product developed by our company in recent years, WCM7EL is integrated, multi-function, over-current Adjustable thermal magnetic leakage circuit breaker, suitable for three-phase four-wire neutral point direct grounding (TT grounding system) low-voltage power grid, used to provide indirect contact protection for personal contact danger, but also for line or electricity grounding fault, overcurrent, short circuit protection. This product conforms to GB/T14048.2 IEC60947-2 standard requirements.



Residual Current Protect Circuit Breaker (RCCB Recloser)

WCM7EL

Main Technical Parameters

The main technical data of circuit breaker			WCM7EL									
Shell frame rated current Inm(A)			125		160/250		400		630		800	
Breaking ability level			L	M	L	M	L	M	L	M	L	M
Rated current of the trip device In(A)			50、63、80、100、125		100、125、140、160、180、200、225、250		200、225、250、315、350、400		400、500、630		630、700、800	
Poles			3P+N/4P									
Nominal Insulation Voltage Ui(v)			1000									
Rated Operational Voltage Ue(v)			AC400V									
Rated remaining operating current I△n(mA)			30(Only non-lagging type)、50、100、200、300、400、500、800mA、1000mA									
Rated residual short-circuit making and breaking capacity I△m(kA)			12.5		12.5		21.25		21.25		21.25	
Automatic reclosing time:			20s60s(only 50、100、200、300、400、500、1000mA)									
Rated Impulse Withstand Voltage Uimp(v)			8									
Rated Short Time Current Icw(ka/1s)			10		10		15		15		15	
Selective class :			B type									
Rated Short-Circuit Breaking Capacity Icu(kA)	AC400V		35	50	35	50	50	85	50	85	50	85
Rated Short-Circuit Breaking Capacity Ics(kA)	AC400V		25	35	25	35	35	70	35	70	35	70
Boundary Dimension (mm)		W	122		142		198		198		240/customization 280	
		L	220		240		336		336		355/customization355	
		H	82.5		89		101		101		103/customization 109	
		H1	139		140		183		183		187/customization 189	
Mounting Dimension(mm)		A	60		70		96		96		116/customization140	
		B	199		201		272		272		285/customization285	
		φd	4.5		5		8.5		8.5		7	

■ WCM7EL-125



■ WCM7EL-250



■ WCM7EL-400



■ WCM7EL-630



■ WCM7EL-800



WCM7EL

Residual Current Protect Circuit Breaker
(RCCB Recloser+Metering+Signal Carrier)

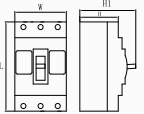
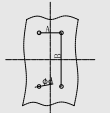


This product is suitable for three-phase four-wire neutral point direct grounding (TT) low voltage power system, used for line or monthly electrical equipment grounding fault, over current, short circuit, over Voltage, undervoltage, power off automatic tripping and lack of equal protection, but also to provide indirect contact protection against the risk of personal shock. This product complies with GB/T14048.2 IEC60947-2 standard requirements. Residual current protector communication protocol. Passed the communication standard test of low-voltage Electrical apparatus Research Institute of China Electric Power Research Institute.

Residual Current Protect Circuit Breaker(RCCB Recloser+Metering+Signal Carrier)

WCM7EL

Main Technical Parameters

The main technical data of circuit breaker			WCM7EL									
Shell frame rated current Inm(A)			125		160/250		400		630		800	
Breaking ability level			L	M	L	M	L	M	L	M	L	M
Rated current of the trip device In(A)			50、63、80、100、125		100、125、140、160、180、200、225、250		200、225、250、315、350、400		400、500、630		630、700、800	
Poles			3P+N/4P									
Nominal Insulation Voltage Ui(v)			1000									
Rated Operational Voltage Ue(v)			AC400V									
Rated remaining operating current I△n(mA)			30(Only non-lagging type)、50、100、200、300、400、500、800mA、1000mA									
Rated residual short-circuit making and breaking capacity I△m(kA)			12.5		12.5		21.25		21.25		21.25	
Automatic reclosing time:			20s60s(Limited to 50、100、200、300、400、500、1000mA)									
Rated Impulse Withstand Voltage Uimp(v)			8									
Rated Short Time Current Icw(ka/1s)			10		10		15		15		15	
Selective class :			B type									
Rated Short-Circuit Breaking Capacity Icu(kA)	AC400V		35	50	35	50	50	85	50	85	50	85
Rated Short-Circuit Breaking Capacity Ics(kA)	AC400V		25	35	25	35	35	70	35	70	35	70
Boundary Dimension (mm)		W	121.5		142		198		198		240/customization 280	
		L	185		240		336		336		355/customization355	
		H	64.5		67	89	101		101		103/customization 109	
		H1	126		101	140	183		183		187/customization 189	
Mounting Dimension(mm)		A	60		70		96		96		116/customization140	
		B	159		201		272		272		285/customization285	
		φd	4.5		5		8.5		8.5		7	

■ WCM7EL-125



■ WCM7EL-250



■ WCM7EL-400



■ WCM7EL-630



■ WCM7EL-800



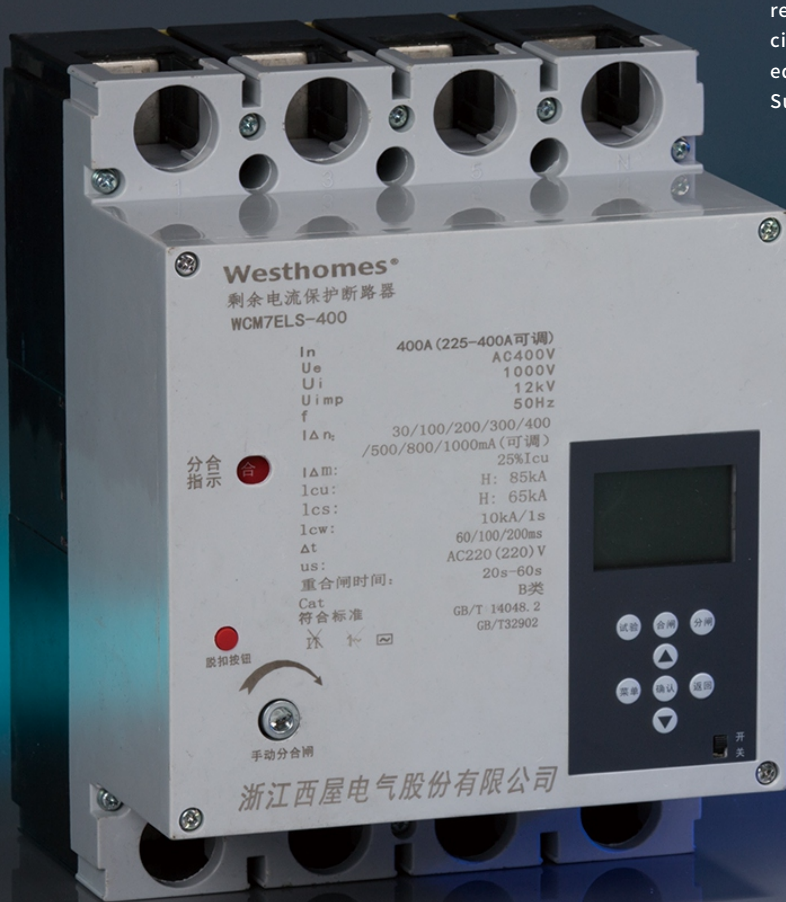
WCM7ELS

Residual Current Pprotect circuit Breaker (MCCB)

This product is a cost-controlled circuit breaker. It can be used with the meter with the cost-control function to realize the function of automatic closing power supply with charges and tripping power failure in arrears. Its control logic conforms to the provisions of "QGDW11421-2015 Technical Specification for external Circuit breakers of energy meters".

The circuit breaker is provided with a special port, which is connected with the charge control passive output terminal of the energy meter. When the user energy meter time, energy meter fee control terminal output passive short circuit switching signal, circuit breaker normal closing power supply; In arrearrage, the energy meter outputs the passive break switch signal, then the circuit breaker is switched off. After the user pays the fee, the charge control terminal of the electricity meter automatically outputs the closing command, and the circuit breaker automatically transmits power to realize the function of unattended power transmission.

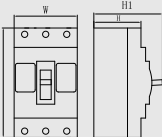
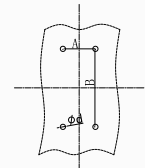
Because the circuit breaker has overload, short circuit, leakage, overvoltage, undervoltage, lack of equal with the "GB14048.2 low voltage switch - circuit breaker" standard general protection function. For this reason, in accordance with the requirements of the "QGDW11421-2015 External Circuit Breaker Technical Specification for energy meters", the circuit breaker is forbidden to respond to the cost control signal of energy meters within 5 seconds after the equipment is powered on. However, it does not affect the normal protection trip function of the circuit breaker. Suitable for three-phase four-wire neutral point direct grounding (TT) low-voltage power grid system, used for line or electrical equipment grounding fault, over current, short circuit, over voltage, under voltage, power off automatic jump and lack of equal protection, but also has the pre-payment function. Products comply with standards: GB/T14048.2, DL/T20... Communication Protocol for Residual Current Protector



Residual Current Pprotect circuit Breaker (MCCB)

WCM7ELS

Main Technical Parameters

Model			WCM7ES/WCM7ELS			
Shell frame rated current Inm(A)			160/250		400	
Breaking ability level			General	H	L	M
Rated current of the trip device In(A)			100、125、140、160、180、200、225、250		200、225、250、315、350、400	
POLES			3P+N			
nominal insulation voltage Ui(V)			1000			
rated operational voltage Ue(V)			AC400			
Rated remaining operating current I△n(mA)			50、100、200、300、400、500、800、1000mA		30(Only non-lagging type)、50、100、200、300、400、500、1000mA	
Rated remaining short-circuit making and breaking capacity I△m(kA)			25%Icu		21.25	
Automatic reclosing time：			20s-60s			
rated impulse withstand voltage Uimp(V)			12		8	
rated short time current Icw(kA/1s)			10		15	
Selective class：			B			
Rated Short-Circuit Breaking Capacity Icu(kA)	AC400V	50	85	50	85	
Rated Short-Circuit Breaking Capacity Ics(kA)	AC400V	35	65	35	55	
Boundary Dimension (mm)		W	142	198		
		L	165	257		
		H	85	98.5		
		H1	131	180		
Mounting Dimension(mm)		A	70	94		
		B	126	194		
		Φd	4.5	6		

WCM7ELS-250



WCM7ELS-400



WCW1

Universal type air Circuit Breaker (ACB)

WCW1 series intelligent universal circuit breaker (hereinafter referred to as circuit breaker), suitable for AC 50Hz, rated voltage to 600V(690V) and below, rated current 200A~7500A distribution network, used to distribute power and protect lines and power equipment from overload, undervoltage, short circuit, single-phase grounding and other faults. Circuit breaker has intelligent protection function, selective protection is accurate, can improve the reliability of power supply, avoid unnecessary power outage. With an open communication interface, it can be "four remote" to meet the requirements of the control center and automation system. Circuit breaker pulse voltage 8000V at an altitude of 2000 meters (different altitudes according to the standard correction, the maximum does not exceed 12000V). This product complies with GB/T14048.2 IEC60947-2 standard requirements.



INTELLIGENT CONTROL BUILDING THE FUTURE

Universal type air Circuit Breaker (ACB)

WCW1

Main Technical Parameters

Model		parameter									
Shell Frame Rated Current Inm(a)		1000	1600	2000		3200		4000	6300		7500
Breaking Ability Level				Ordinary Type	H	Ordinary Type	H				Infix Type
Rated Current Of The Trip Device In(a)		200、400、630、800、1000	200、250、315、350、400、500、630、800、1000、1250、1600	630、800、1000、1250、1600、2000		2000、2500、2900、3200		2000、2500、2900、3200、3600、4000	4000、5000	6300	4000、5000、6300、7500
Poles		3P/4P	3P/4P	3P/4P		3P/4P		3P/4P	3P/4P	3P	3P/4P
Nominal Insulation Voltage Ui(V)		1250	1250	1250		1250		1250	1140		1140
Rated Operational Voltage Ue(V)		AC400V	AC400V	AC400V		AC400V		AC400V	AC400V		AC400V
Rated Impulse Withstand Voltage Uimp(kv)		12	12	12		12		12	12		12
Selective Class		B type	B type	B type		B type		B type	B type		B type
Rated Short-Circuit Breaking Capacity Icu(kA)	AC400V	42	85	65	85	80	100	100	150	150	150
	AC690V	25	65	50	65	65	65	85	100	100	100
Rated Short-Circuit Breaking Capacity Ics(kA)	AC400V	30	70	40	70	50	85	100	150	150	150
	AC690V	20	65	40	65	50	65	85	100	100	100
Rated Short Time Current Lcw(kA/1s)	AC400V	30	70	40	70	65	85	85	150	150	150
	AC690V	20	65	40	65	65	65	85	100	100	100
Boundary Dimension(mm) (D Including Step-front Drawer Length, Standard Type, Extended Type, And Customized) Drawer-type3phxwx	Stationary Type 3phxwx	362x284x363	354x254x340	432x405x445		432x405x445		432x580x507	432x837x507	432x952x507	432x888x507
	Drawer Type 4phxwx	362x354x363	354x324x340	432x500x445		432x405x445		438x790x505	432x952x507		432x888x507
	Stationary Type 3phxwx	318x275x280	324x269x239	402x370x347		402x430x347		402x545x437	/	/	/
	Stationary Type 4phxwx	318x344x280	324x339x239	402x465x347		402x545x347		/	/	/	/

WCW1-1000 3P



WCW1-1000 4P



WCW1-2000 3P



WCW1-3200 3P



WCW1-7500

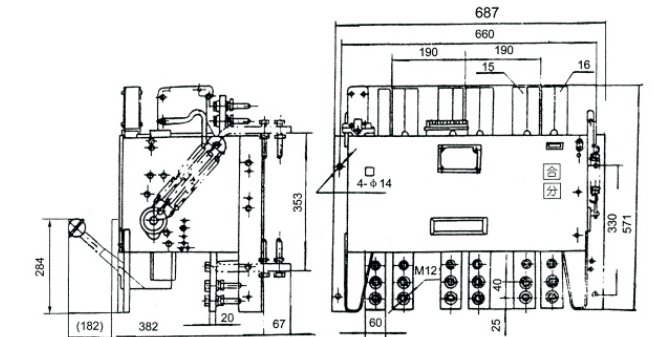


Universal type air Circuit Breaker (ACB)



DW15

DW15-2500,4000ACircuit breakerdimensions and installationdimensions

[illegible]

15-17.arc extinguish chamber

■ DW15-1600



WCQ2C

Dual Power Automatic transfer
Switch (CB class ATS)

Dual power automatic switching switch (hereinafter referred to as switching switch) is suitable for AC 50Hz or 60Hz, rated working voltage 400V, rated working current 63A and below double circuit power supply system. Selective conversion between the two power sources can be performed as required. The product has the functions of short circuit, overload, undervoltage and voltage loss protection, and also has the functions of standby fire, double division and output closing signal. It is especially suitable for the installation and use of office buildings, shopping malls, banks, stations, hospitals and high-rise buildings with fire protection requirements. The product conforms to GB/T14048.11 standard, and has obtained two patents of utility model and design.

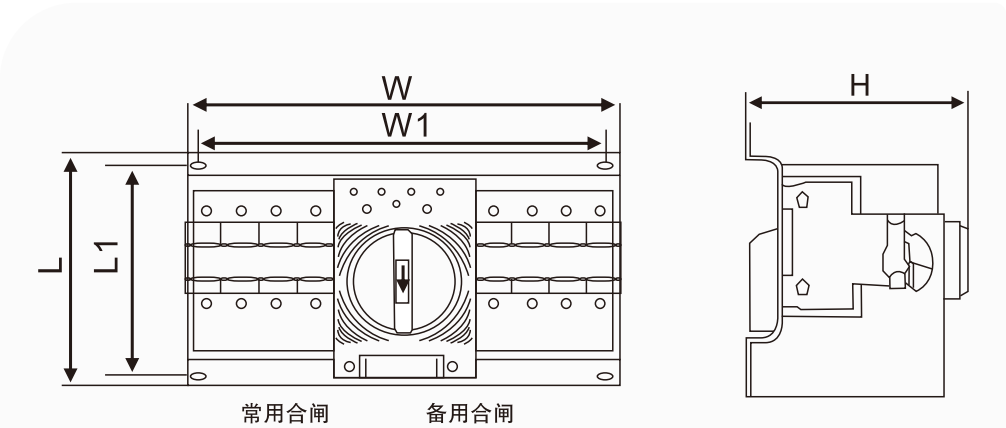


Dual Power Automatic transfer Switch (CB class ATS)

WCQ2C

Main Technical Parameters

The Main Technical Data Of Circuit Breaker		WCQ2C series ATS
Shell Frame Rated Currentin(a)		63
Operating Circuit Breaker		DZ47-63 or WSB7-63
Rated Currentin(a)		6A、10、16、20、25、32、40、50、63
Poles		2P/3P/4P
Rated Insulation Voltage压ui(v)		690
Rated Operational Voltageue(v)		AC400V
Rated Impulse Withstand Voltage Uimp(kv)		6
Use Classes		AC-33iB
Rated short-circuit ability Icm (kA)	AC400V	7.5
Rated Short-Circuit Breaking Capacity Icn (kA)	AC400V	5



Type Specification	External Dimension			Mounting Dimension	
	W	L	H	W1	L1
WCQ2C-63/2P	150	132	120	130	122
WCQ2C-63/3P	185	132	120	165	122
WCQ2C-63/4P	220	132	120	200	122

WCQ2C-63 2P



WCQ2C-63 3P



WCQ2C-63 4P



WCQ2A

Dual Power Automatic Transfer Switch(CB class ATS)(Intelligent)

WCQ2A series dual power switch is suitable for AC 50Hz, rated working voltage 400V, rated working current 16A~2000A. The conversion between the common power supply (N) and the standby power supply (R) can also be set to manually and as a control circuit switch for control, signal, interlock and other purposes. This product has a communication port in some models to achieve remote control, so that users can realize unattended substation. Suitable for residential areas, military facilities, hospitals, shopping malls, airports and other places. This product conforms to GB/T14048.11 IEC60947-6-1 standard.



Dual Power Automatic Transfer Switch(CB class ATS)(Intelligent)

WCQ2A

Main Technical Parameters

Items		Parameter					
Shell Frame Rated Current Inm(A)		100	225	400	630	800	1250
Operating Circuit Breaker		WCM1-125	WCM1-250	WCM1-400	WCM1-630	WCM1-800	WCM1-1250
Rated Current In(A)		16、20、25、32、40、50、63、80、100	100、125、140、160、180、200、225	225、250、315 350、400	400、500、630	630、700、800	800、1000、1250
Poles		3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P
Nominal Insulation Voltage Ui(V)		690	690	690	690	690	690
Rated Operational Voltage Ue(V)		AC400V	AC400V	AC400V	AC400V	AC400V	AC400V
Rated Impulse Withstand Voltage Uimp(kv)		8	8	8	8	8	8
Use Classes		AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB
Rated Short-circuit Ability Lcm(kA)		52.5	52.5	73.5	73.5	32	52.5
Rated Short-circuit Breaking Capacity Lcn(kA)		25	25	35	35	16	25
Boundary Dimension (mm)	W	390/420	430/465	565/607	683/740	723/793	731/802
	L	205/206	206/210	328	322	345	398
	H	126	144	192	205	205	280
Mounting Dimension (mm)	W1	362/390	403/440	510/555	628/685	668/735	680/750
	L1	185	190	292	292	315	373
Now integrated and split installation and appearance size is the same; If the split type does not meet the needs of users, it can be customized							

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Dimensions of the installation holes for the split controller

Both R and N are external indicators (AC220V) which can be connected as required

WCQ2A-100



WCQ2A-225



WCQ2A-400



WCQ2A1

Dual Power Automatic Transfer Switch(CB class ATS)



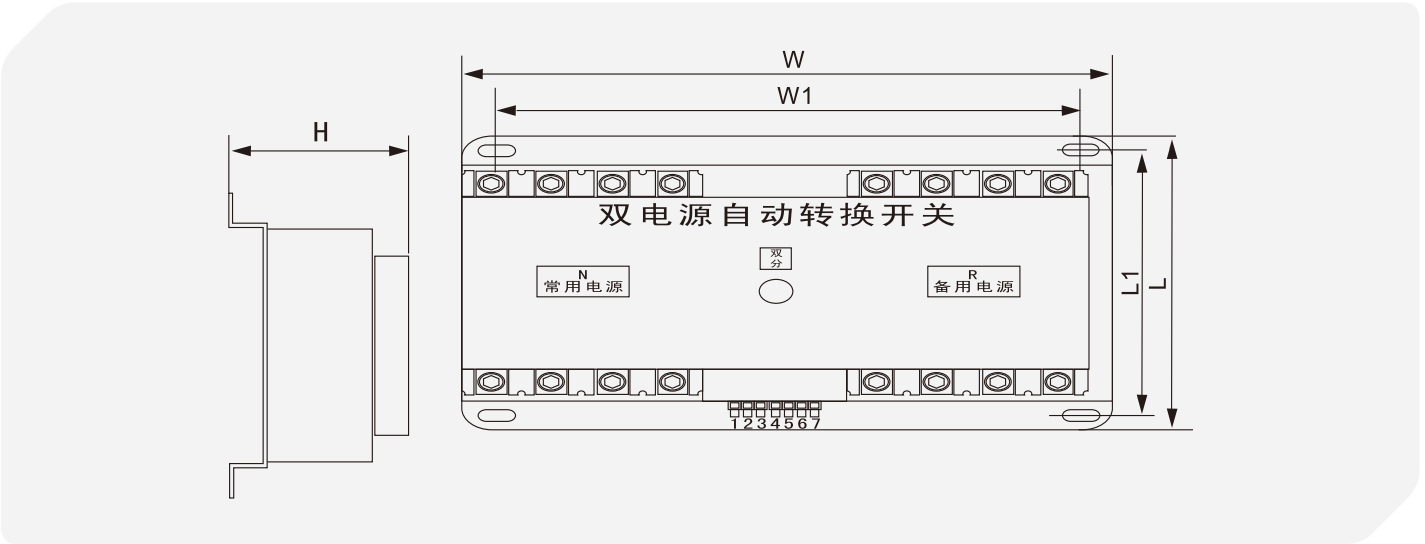
Automatic power switch (hereinafter referred to as the switch switch) is suitable for AC 50Hz, rated operating voltage 400V, rated operating current 16A-630A dual power supply system, with automatic or manual operation mode to complete the switch between the common power supply and the standby power supply. The switch is mainly used in hospitals, shops, banks, chemicals, metallurgy, high-rise buildings, military installations
For such important occasions.

Dual Power Automatic Transfer Switch(CB class ATS)

WCQ2A1

Main Technical Parameters

Items		Parameters			
Shell frame rated current Inm(A)		100	225	400	630
Operating circuit breaker		WCM1-125	WCM1-250	WCM1-400	WCM1-630
Rated Current In(A)		16、20、25、32、40、50、63、80、100	100、125、140、160、180、200、225	225、250、315、350、400	400 500、630
Poles		3P/4P	3P/4P	3P/4P	3P/4P
Nominal insulation voltage Ui(V)		690	690	690	690
Rated operational voltage Ue(V)		AC400V	AC400V	AC400V	AC400V
Rated impulse withstand voltage Uimp(kV)		8	8	8	8
Use classes		AC-33iB	AC-33iB	AC-33iB	AC-33iB
Rated Short-circuit Ability Lcm(kA)	AC400V	52.5	52.5	73.5	73.5
Rated Short-circuit Breaking Capacity Icn(kA)	AC400V	25	25	35	35
Boundary Dimension (mm)	W	288/320	330/365	453/503	572/632
	L	204/205	211/212	325/326	325/328
	H	122	140	192	208
Mounting Dimension (mm)	W1	259/290	300/340	400/444	515/575
	L1	182	190	295	295



WCQ2A1-100



WCQ2A1-225



WCQ2A1-400



WCQ2A1-630



WCQ2G

Dual Power Automatic Transfer Switch(PC class ATS)(PV)

WCQ2G series dual power switch is suitable for AC 50Hz, rated working voltage 400V, rated working current 16A~3200A. The conversion between the common power supply (N) and the standby power supply (R) can also be set to manually and as a control circuit switch for control, signal number, interlock and other purposes. This product has a communication port in some models to achieve remote control, so that users can realize unattended substation. It is suitable for small residential areas, military facilities, hospitals, shopping malls, airports and other places. This product conforms to GB/T14048.11 IEC60947-6-1 standard.



INTELLIGENT CONTROL BUILDING THE FUTURE

Dual Power Automatic Transfer Switch(PC class ATS)(PV)

WCQ2G

Main Technical Parameters

Items		Parameters										
Shell Frame Rated Current Inm(a)		100	160	250	400	630	800/1000	1250	1600	2000	2500	3200
Rated Current In(A)		16、20、25、32、40、50、63、80、100	20、25、32、50、63、80、100、125、160	125、160、200、225、250	400 500、630	400、500、630	800、1000	1250	1600	2000	2500	3200
Poles		3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P
Nominal Insulation Voltage U(v)		500	690	690	500	690	690	690	690	690	690	690
Rated Operational Voltage Ue(v)		AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V
Rated Impulse Withstand Voltage Uimp(kv)		6	8	8	6	6	6	6	6	6	6	6
Use Classes		AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB	AC-33iB
Boundary Dimension (mm)	A1 width	232/244	267/300	305/360	375/433	375/433	515/636	515/636	515/636	525/646	525/646	525/646
	B length	118	146	179	245	265	353	367	370	405	427	458
	C height	141	230	230	274	274	321	321	321	480	480	480
Installation Dimension (mm)	J	221.5/233.5	251/284	287/343	356//416	356/416	495/616	495/616	495/616	498/618	498/618	498/618
	K	84	102	102	180	180	220	220	220	215	215	215

WCQ2G-100



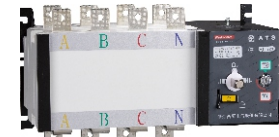
WCQ2G-160



WCQ2G-250



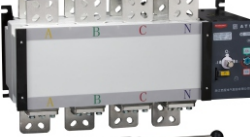
WCQ2G-400



WCQ2G-630



WCQ2G-1600



WCQ2G-100

Dual Power Automatic Transfer Switch(PC class ATS)(PV type)

Dual power automatic switching switch is a newly developed micro household power switching switch. The switch is mainly used to test whether the main power supply or backup power supply is normal. When the normal power supply is abnormal, the standby power supply will immediately start to work, so as to ensure the continuity, reliability and safety of the power supply. This product is designed for home rail installation and is specifically used for PZ30 power distribution box.

The dual power switch is suitable for emergency power supply systems with 50Hz or 60Hz and a fixed amount of 400V AC. ATS has the characteristics of solid construction, reliable conversion, easy installation and maintenance, and long life. Widely used in a variety of occasions that can not be sustained power outage, that is, reliable electricity work, but also manual operation. An ATS is composed of a TSE and a controller.

According to GB/T14048.11, formulate Part 6-1: Multi-function equipment and Switchgear It is known that ATS is the most suitable low-voltage switchgear and control device.



Dual Power Automatic Transfer Switch(PC class ATS)(PV type)

WCQ2G-100

Main Technical Parameters

Model	WCQ2G-100		
Specification	100A		
Rated Current Le(a)	16、20、25、32、40、50、63、80、100		
Isolation Voltage Ui	AC690V, 50Hz		
Nominal Voltage Ue	AC400V, 50Hz		
Level	PC class :It can be manufactured and withstand use without causing short-circuit currents.		
Use Classes	AC-33iB		AC-31B
Poles	2P	3P	4P
Weight (kg)	1.7	2.1	2.6
Electric Appliance	lifetime:2000 times;manual manipulation;5000 times		
Rated Short Circuit Current Iq	50kA		
Short-circuit Protection (fuse)	RT16-00-63A		
Rated Impulse Withstand Voltage	8kV		
Control Circuit	Nominal Control Voltage Us:ac220v/50hz Normal Working Conditions :85-110%us		
Auxiliary Circuit	2 relays, each with two sets of contact converter contact capacities :AC220V/50Hzle=5y		
Contactors Transition Time	<50ms		
Operational Conversion Time	<50ms		
Return Conversion Time	<50ms		
Power Off Time	<50ms		

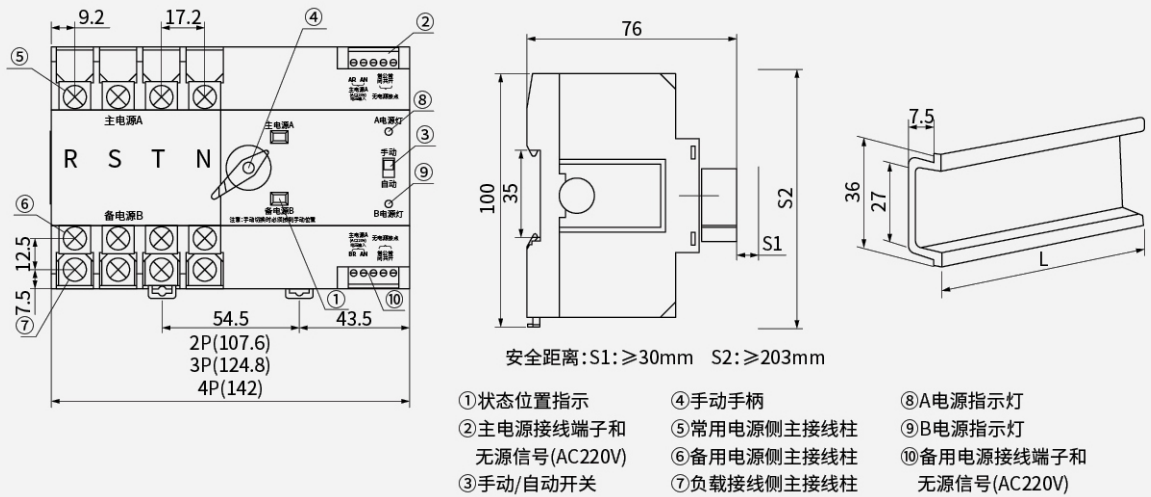
WCQ2G-100 2P



WCQ2G-100 3P



WCQ2G-100 4P



GL

Loaded Isolator

GL load isolation switch is suitable for AC 50Hz, rated voltage up to 660V, DC rated voltage up to 440V, rated current up to 3200A, for infrequent switching and disconnecting circuits. This product conforms to GB/T14048.3 IEC60947-3 standard.



Loaded Isolator

GL

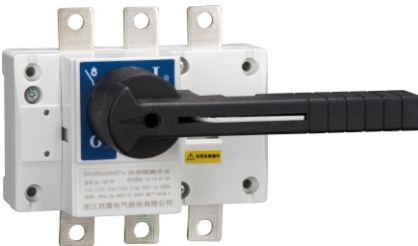
Main Technical Parameters

Items	Parameters										
Shell Frame Rated Current Inm(a)	100	160	250	400	630	800/1000	1250	1600	2000	2500	3200
Rated Current In(a)	20、25、32、40、50、63、80、100	20、25、32、50、63、80、100	125、160、200、225、250	400、500、630	400、500、630	800、1000	1250	1600	2000	2500	3200
Poles	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P	3P/4P
Nominal Insulation Voltage Ui(v)	800	800	800	800	800	800	800	800	800	800	800
Rated Operational Voltageue(m)	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V	AC400V
Rated Impulse Withstand Voltage Uimp(kv)	6	8	8	8	8	8	8	8	8	8	8
Rated Short Time Current Icw(ka/1s)	5	10	12	20	20	20/H type 40	20/H type 40	20/H type 40	40	40	40
Rated Short-circuit Ability Lcm(ka)	8.5	17	24	40	40	/	/	/	84	84	84
Use Classes	AC-21B、AC-22B	AC-21B AC-22B	AC-21B AC-22B	AC-21B AC-22B	AC-21B AC-22B	AC-20A	AC-20A	AC-20A	AC-21B、AC-22B	AC-21B、AC-22B	AC-21B、AC-22B
Boundary Dimension (mm)	85/108	140/170	180/230	230/290	230/290	378/498	378/498	378/498	378/498	378/498	378/498
	106	135	170	240	260	312	338	338	455	455	505
	96	116	128	169	169	240	240	240	340	340	340
Mounting Dimension(mm)	32.5/54	120/150	160/210	210/270	210/270	353/473	353/473	353/473	353/473	353/473	353/473
	58	65	90	140	140	280	280	280	280	280	280

GL-100



GL-160



GL-250



GL-630



GL-1600



Loaded Isolator (Manual Switch)



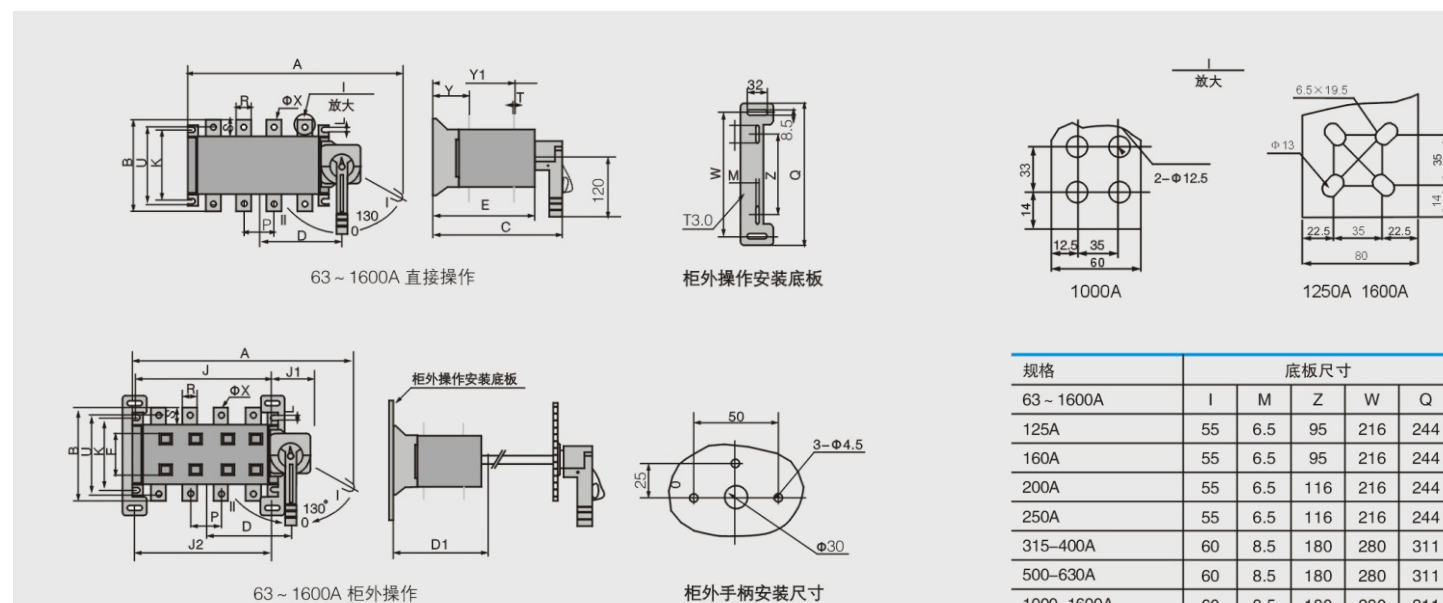
GLZ

Westhomes®
—— 西屋股份 ——

- GL(Z1)-630 3P



Specification	Appearance and installation dimensions																			
63~1600A	A	B	C	D	D1	E	J	J1	J2	K	L	P	R	S	T	U	ΦX	Y	Y1	F
63A-100A/3	190	108	157	57	134	119	111	61	111	84	7	30	13	18	3	106	6	40	93	44
63A-100A/4	209	108	157	89	134	119	127	61	127	84	7	30	13	18	3	106	6	40	93	44
125A-160A/3	270	135	212	89	195	150	120	65	120	95	7	36	20	25	3.5	115	9	55	121	59
125A-160A/4	300	135	212	104	195	150	150	65	150	95	7	36	20	25	3.5	115	9	55	121	59
200A-250A/3	307	170	260	110	215	172	160	65	160	115	11	50	25	30	3.5	140	11	70	140	76
200A-250A/4	357	170	260	135	215	172	210	65	210	115	11	50	25	30	3.5	140	11	70	140	76
315A-400A/3	372	240	297	150	275	236	210	77	210	180	13	65	32	40	5	206	11	83	192	94
315A-400A/4	432	240	297	180	275	236	275	77	275	180	13	65	32	40	5	206	11	83	192	94
500A-630A/3	372	240	297	150	275	236	210	77	210	180	13	65	32	40	6	206	11	83	192	94
500A-630A/4	432	240	297	180	275	236	275	77	275	180	13	65	32	40	6	206	11	83	192	94



规格	底板尺寸				
63~1600A	I	M	Z	W	Q
125A	55	6.5	95	216	244
160A	55	6.5	95	216	244
200A	55	6.5	116	216	244
250A	55	6.5	116	216	244
315~400A	60	8.5	180	280	311
500~630A	60	8.5	180	280	311
1000~1600A	60	8.5	180	280	311

GLZ

Loaded Isolator
(Manual Switch)

GLZ
This product conforms to GB/T14048.3 IEC60947-3 standard.



INTELLIGENT CONTROL BUILDING THE FUTURE

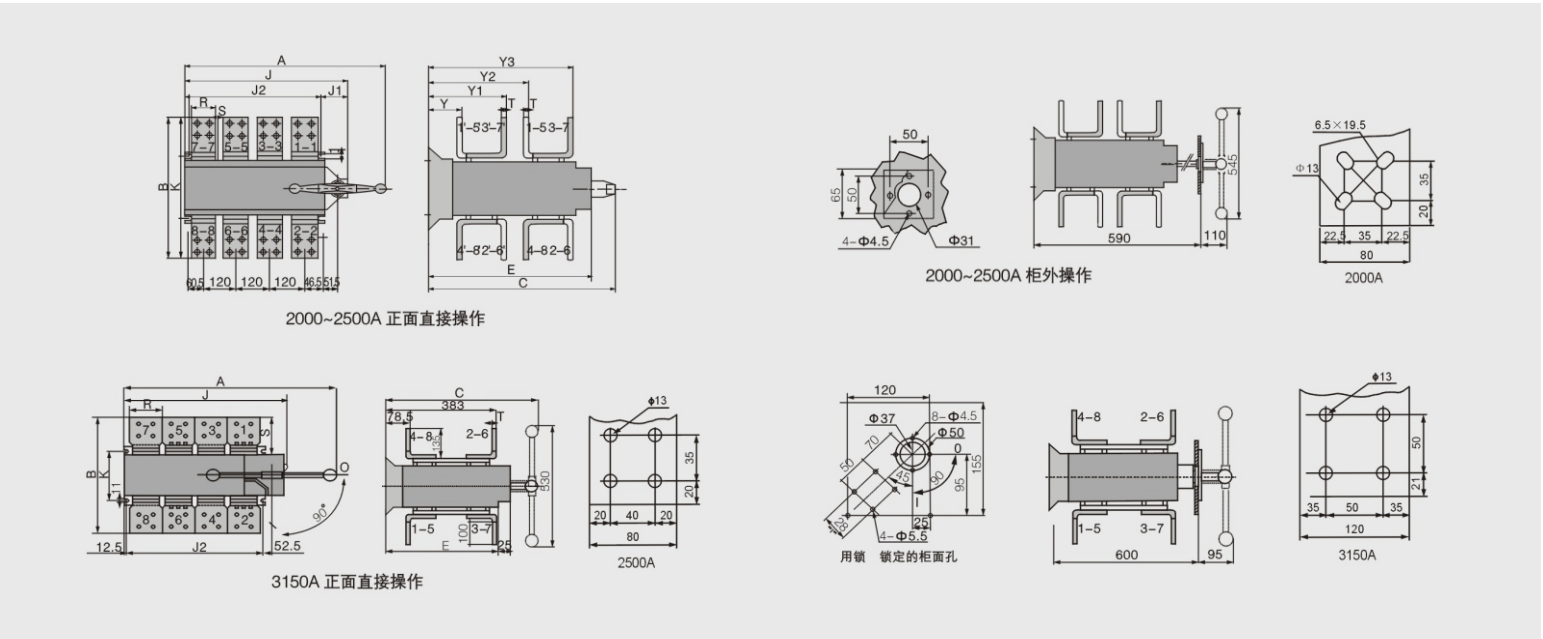
Loaded Isolator (Manual Switch)

GLZ

2000~3150A Load isolation transfer switch outline and mounting dimensions

Specification	Appearance and installation dimensions																		
1000~3150A	A	B	C	D	D1	E	J	J1	J2	K	P	R	S	T	ΦX	Y	Y1	Y2	Y3
1000A/3	638	312	374	229	340	302	355	108.5	355	220	120	60	56	8	12.5	99	243.5	—	—
1000A/4	758	312	374	289	340	302	473	108.5	473	220	120	60	56	8	12.5	99	243.5	—	—
1250A/3	638	338	374	229	340	302	355	108.5	355	220	120	80	69	8	12.5	99	243.5	—	—
1250A/4	758	338	374	289	340	302	473	108.5	473	220	120	80	69	8	12.5	99	243.5	—	—
1600A/3	638	338	374	229	340	302	355	108.5	355	220	120	80	69	10	12.5	99.5	244	—	—
1600A/4	758	338	374	289	340	302	473	108.5	473	220	120	80	69	10	12.5	99.5	244	—	—
2000A/3	576	455	603	603	700	495	347	88	355	220	120	80	127.5	10	12.5	78.5	225.5	309.5	456.5
2000A/4	696	455	603	603	700	495	467	88	473	220	120	80	127.5	10	12.5	78.5	225.5	309.5	456.5
2500A/3	576	455	603	603	700	495	347	88	355	220	120	80	127.5	10	12.5	78.5	227.5	309.5	456.5
2500A/4	696	455	603	603	700	495	467	88	473	220	120	80	127.5	10	12.5	78.5	227.5	309.5	456.5
3150A/3	576	505	603	603	700	495	347	88	355	220	120	120	152.5	12	12.5	78.5	227.5	309.5	458
3150A/4	696	505	603	603	700	495	467	88	473	220	120	120	152.5	12	12.5	78.5	227.5	309.5	458

■ GL(Z2)-250 3P



HD11F

Open Knife Switch

HD11F series single-throw and double-throw protective knife switch is our company in HD11, HS11 based on the new development of products, is an ideal replacement for HD11, HS11, greatly improve the personal safety protection performance, to prevent false electric shock.

This series of products is mainly used in low-voltage distribution equipment, for infrequent manual switching on and off, isolation of power supply.

This product complies with IEC60947-3 GB/T14048.3 standard.

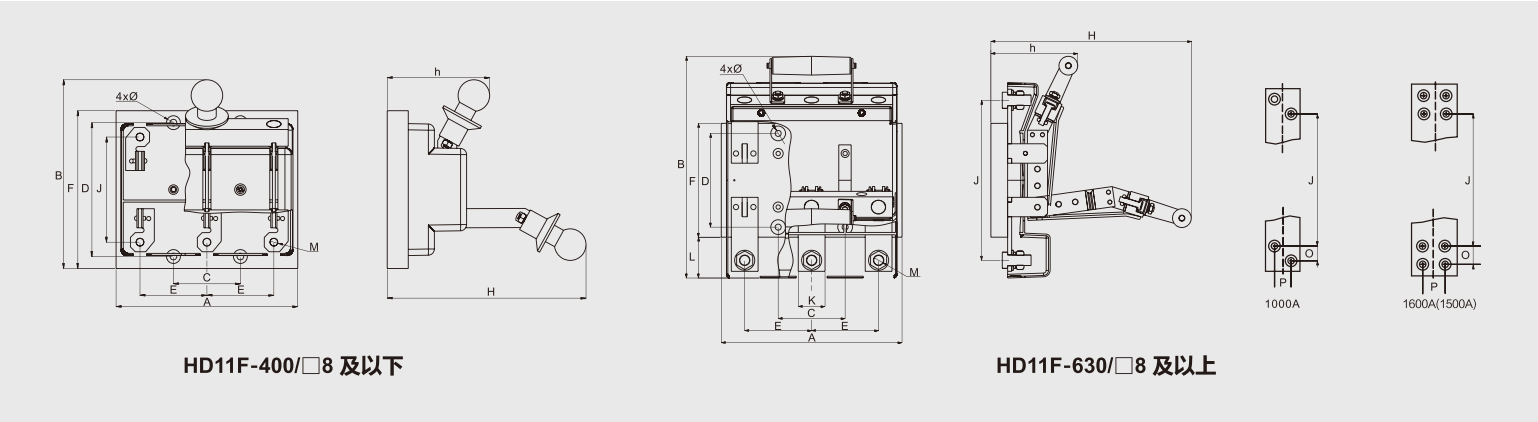


Open Knife Switch

HD11F

(front wiring) Outline and mounting dimensions

Model		Boundary Dimension					Mounting Dimension			
		A	B	C	C1	D	a	b	ΦC	M
HD11F-100	2p	90	200	98	195	50	50	140	Φ7	M8
	3p	140	200	98	195	50	50	140	Φ4	M8
	4p	190	200	98	195	50	100	140	Φ7	M8
HD11F-200	2p	170	205	110	220	70	120	140	Φ7	M8
	3p	190	205	110	220	70	70	140	Φ7	M8
	4p	260	230	118	230	70	140	140	Φ7	M8
HD11F-400	2p	220	264	132	270	80	160	190	Φ7	M12
	3p	212	264	123	260	80	80	189	Φ7	M12
	4p	300	270	125	265	80	160	188	Φ7	M12
HD11F-630	2p	240	325	112	305	100	200	140	Φ9	M16
	3p	270	340	115	295	100	100	140	Φ9	M16
	4p	335	340	115	295	100	180	140	Φ9	M16
HD11F-1000	2p	270	382	118	355	120	240	140	Φ9	2-M12
	3p	325	382	145	350	115	115	140	Φ9	2-M12
	4p	440	382	145	350	115	230	140	Φ9	2-M12
HD11F-1600	2p	300	410	145	366	130	260	140	Φ11	4-M12
	3p	360	400	145	366	130	130	140	Φ11	4-M12
	4p	505	400	145	364	130	260	140	Φ11	4-M12
HD11-2000/3P		480	410			180	180	140		



HD11F-200/38-70mm
(phase spacing)



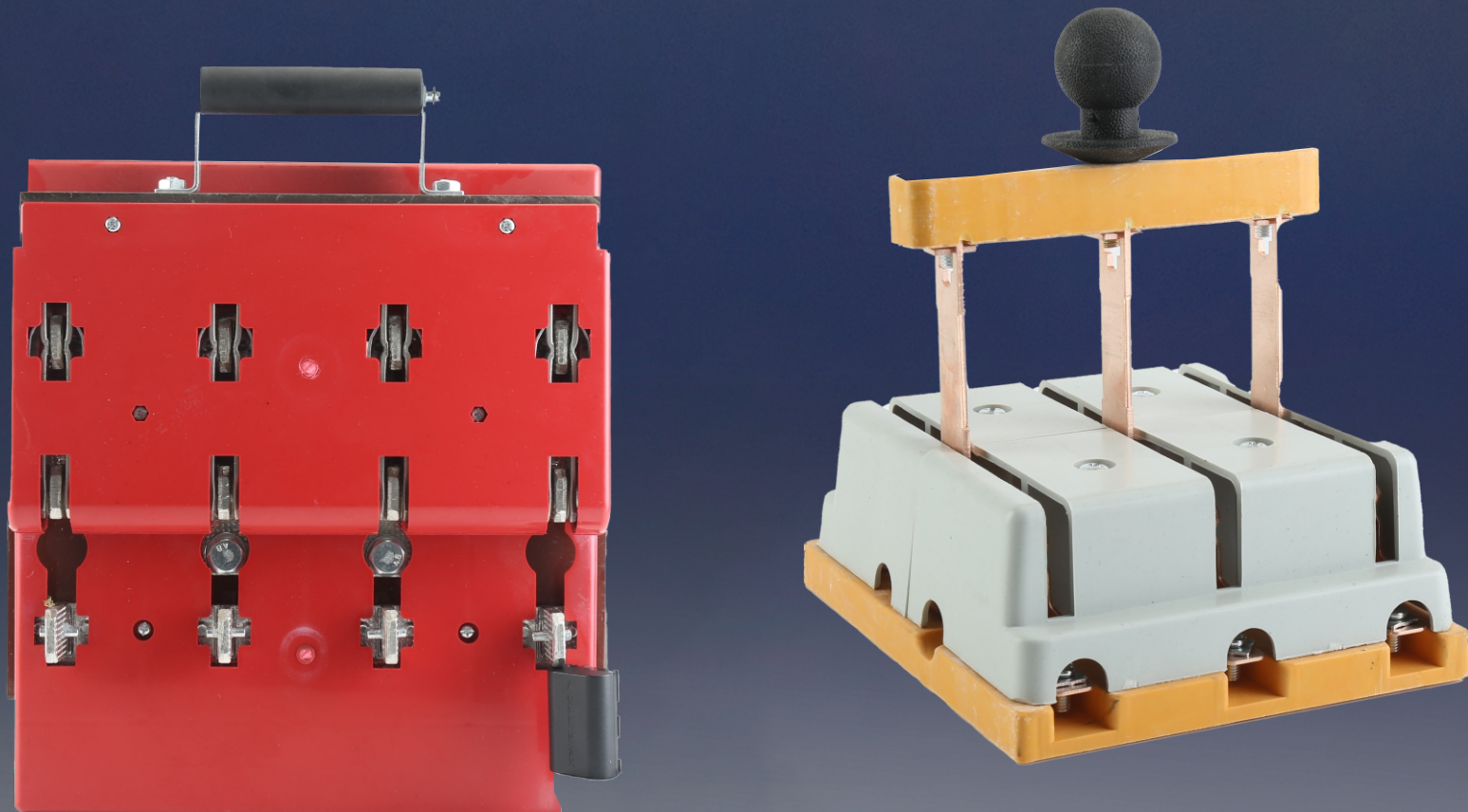
HD11F-200/38-50mm
(phase spacing)



HS11F

Open Knife Switch

HS11F series single-throw and double-throw protective knife switch is a new product derived from HD11 and HS11, which is an ideal substitute for HD11 and HS11, which greatly improves the personal safety protection performance and prevents false electric shock. This series of products is mainly used in low-voltage distribution equipment, for infrequent manual switching on and off, isolation of power supply. This product complies with IEC60947-3 GB/T14048.3 standard.

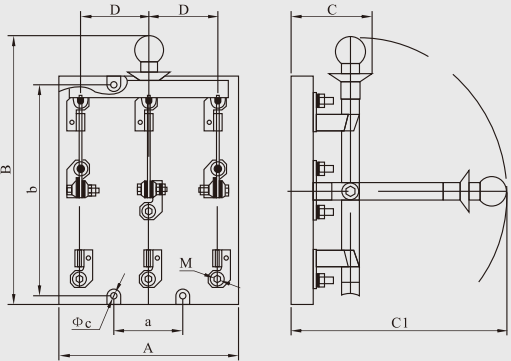


Open Knife Switch

HS11F

(Front Panel Wiring) Dimensions and Installation

Model		Boundary Dimension					Mounting Dimension			
		A	B	C	C1	D	a	b	ΦC	M
HS11F-100	2p	80	200	63	170	41	140	110	Φ7	M8
	3p	140	225	63	190	50	50	110	Φ7	M8
	4p	170	225	63	190	45	90	115	Φ7	M8
HS11F-200	2p	160	285	90	225	70	140	220	Φ7	M8
	3p	190	280	87	220	70	70	220	Φ7	M8
	4p	260	300	80	245	70	140	200	Φ7	M8
HS11F-400	2p	190	365	110	290	80	160	260	Φ7	M12
	3p	215	365	110	290	80	80	280	Φ7	M12
	4p	300	375	85	290	80	160	280	Φ7	M12
HS11F-630	2p	240	405	110	300	100	200	220	Φ9	M16
	3p	270	420	90	300	100	100	210	Φ9	M16
	4p	345	420	90	300	90	180	210	Φ9	M16
HS11F-1000	2p	280	510	118	350	120	240	220	Φ9	2-M12
	3p	325	450	112	350	115	115	220	Φ9	2-M12
	4p	440	450	112	350	115	230	220	Φ9	2-M12
HS11F-1600	2p	31	580	128	360	130	260	220	Φ11	4-M12
	3p	370	495	130	360	130	130	220	Φ11	4-M12
	4p	505	495	130	360	130	260	220	Φ11	4-M12



■ HS11F-400/38



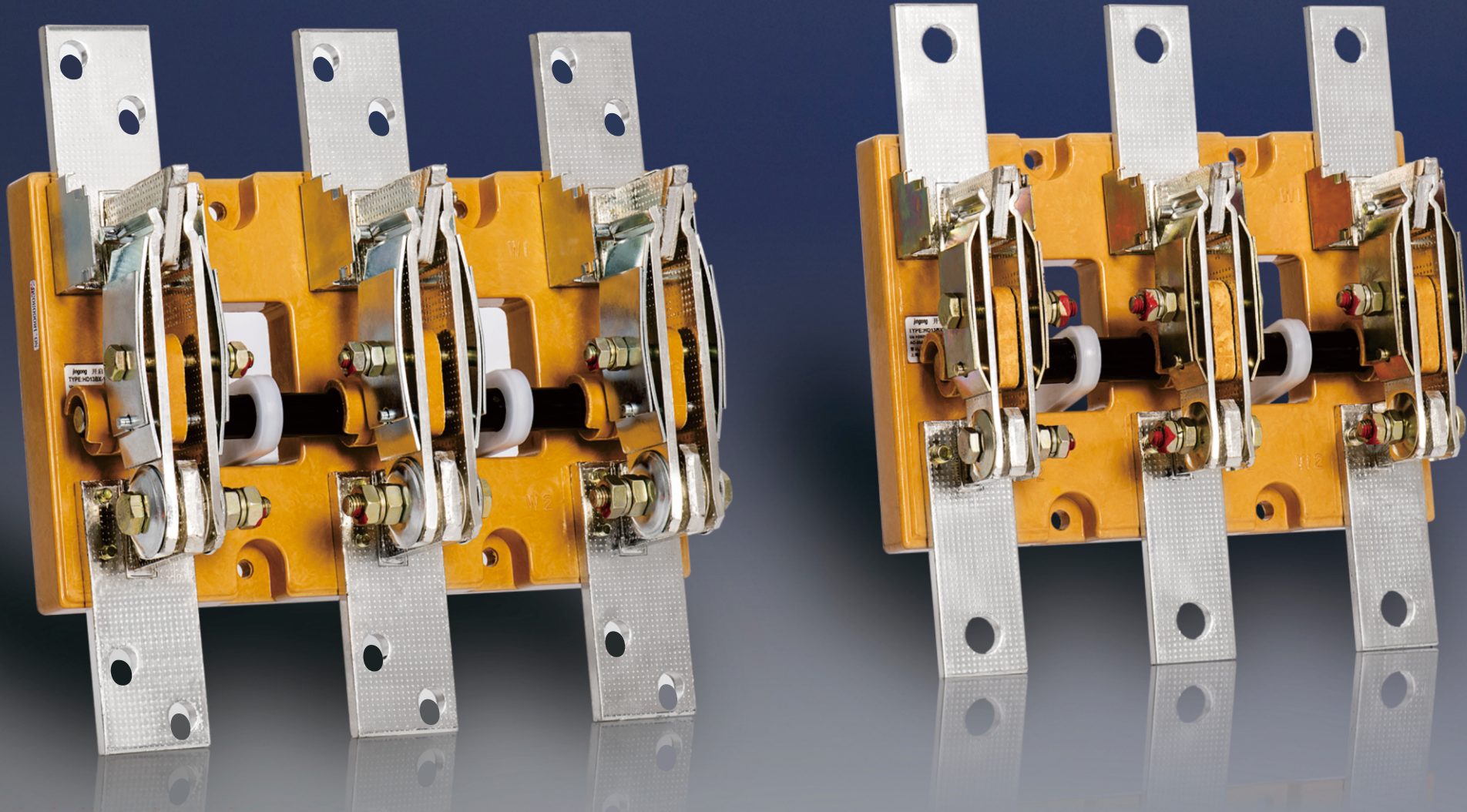
■ HS11F-600/38



HS13BX

Open Knife Switch

HD series, HS series open knife switch and knife transfer switch (hereinafter referred to as switch) suitable for AC 50Hz, rated voltage to AC400V, rated current to 3000A complete set of power distribution devices, As an infrequent manual switching and disconnecting AC circuit or isolation switch, the central lever operating mechanism switch is mainly used in the front operation and rear maintenance of the switch cabinet, the operating mechanism installed in the front of the switch equipped with an arc extinguisher chamber can cut off the current load, and other series of knife switches are only used as isolation switches. This product complies with IEC60947-3 GB/T14048.3 standard.

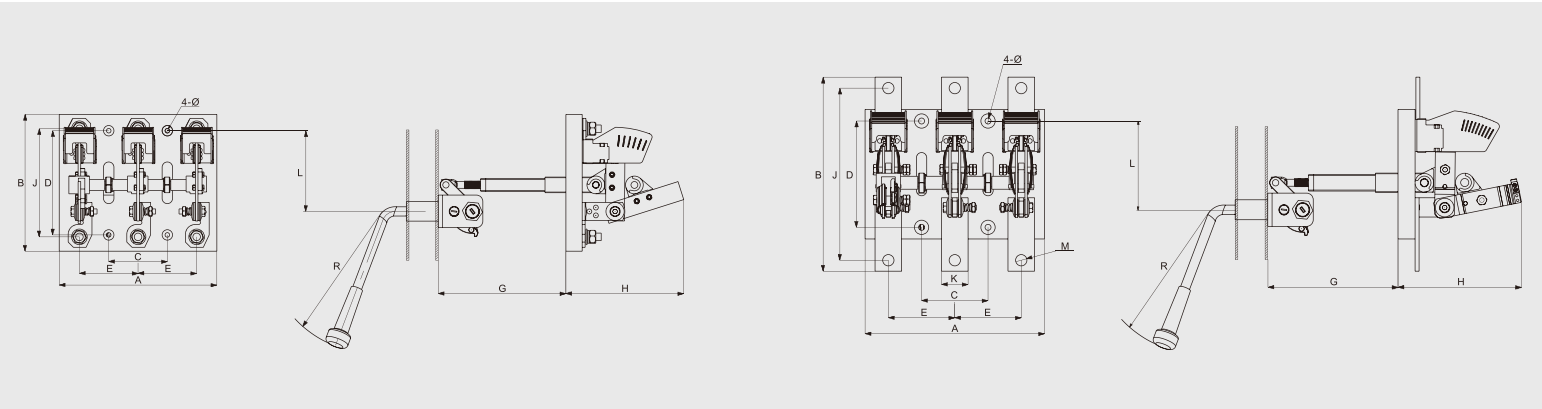


Open Knife Switch

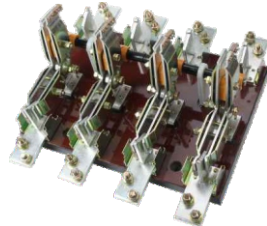
HS13BX

outline overall and installing dimensions

Model		Boundary Dimension						Mounting Dimension				
		A	B	C	D	E	F	a	b	ΦC	K	M
HS13BX-100	2p	190	270	155	80	35	250	160	240	Φ7	158	M8
	3p	210	270	155	80	35	250	80	240	Φ7	158	M8
	4p	290	270	155	80	35	250	160	240	Φ7	158	M8
HS13BX-200	2p	190	270	155	80	35	250	160	240	Φ7	158	M8
	3p	210	270	155	80	35	250	80	240	Φ7	158	M8
	4p	290	270	155	80	35	250	160	240	Φ7	158	M8
HS13BX-400	2p	220	300	184	90	45	250	180	240	Φ7	172	M12
	3p	240	300	184	90	45	250	90	240	Φ7	172	M12
	4p	330	300	184	90	45	250	180	240	Φ7	172	M12
HS13BX-630	2p	240	400	190	100	54	250	200	240	Φ9	170	M16
	3p	270	400	190	100	54	250	100	240	Φ9	170	M16
	4p	370	400	190	100	54	250	200	240	Φ9	170	M16
HS13BX-1000	2p	280	435	220	120	66	250	240	240	Φ9	178	2-M12
	3p	330	435	220	120	62	250	120	240	Φ9	178	2-M12
	4p	450	435	220	120	62	250	240	240	Φ9	178	2-M12
HS13BX-1600	2p	310	480	242	130	80	250	260	240	Φ11	190	4-M12
	3p	370	480	242	130	80	250	130	240	Φ11	190	4-M12
	4p	500	480	242	130	80	250	260	240	Φ11	190	4-M12
HS13BX-2000/4												



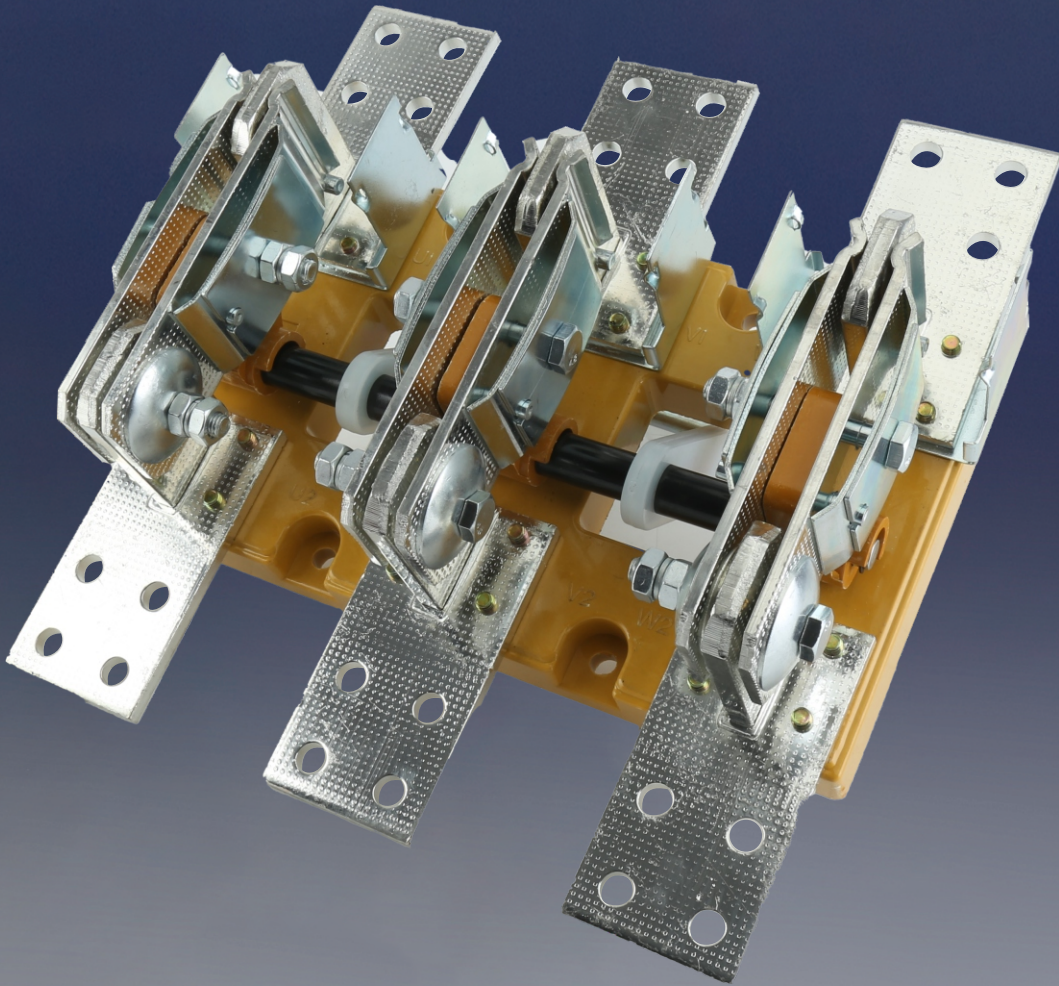
HS13BX-1000/31



HD13BX

Open Knife Switch

HD series, HS series open knife switch and knife transfer switch (hereinafter referred to as switch) suitable for AC 50Hz, rated voltage to AC400V, rated current to 3000A complete set of power distribution devices, As an infrequent manual switching and disconnecting AC circuit or isolation switch, the central lever operating mechanism switch is mainly used in the front operation and rear maintenance of the switch cabinet, the operating mechanism installed in the front of the switch equipped with an arc extinguisher chamber can cut off the current load, and other series of knife switches are only used as isolation switches. This product complies with IEC60947-3 GB/T14048.3 standard.

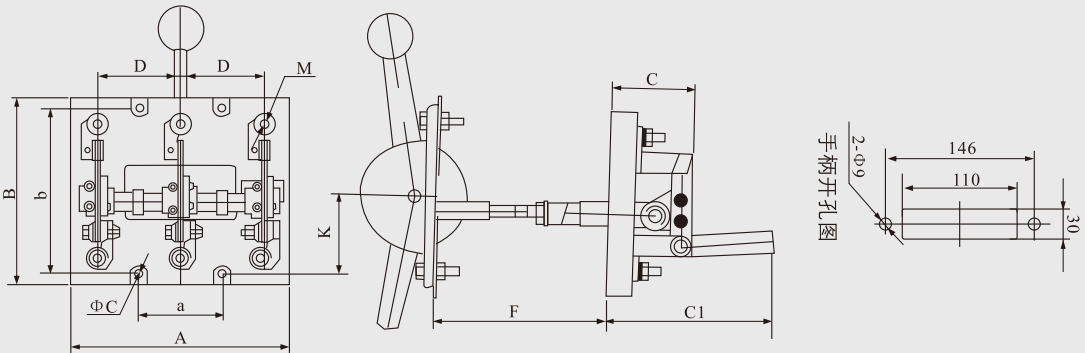


Open Knife Switch

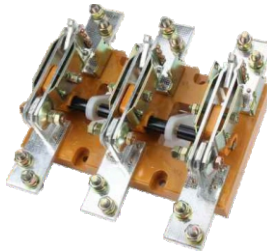
HD13BX

outline overall and installing dimensions

Model		Boundary Dimension						Mounting Dimension				
		A	B	C	C1	D	F	a	b	ΦC	K	M
HD13BX-100	2p	190	190	80	160	80	250	160	160	Φ7	82	M8
	3p	210	190	80	160	80	250	80	160	Φ7	82	M8
	4p	290	190	80	160	80	250	160	160	Φ7	82	M8
HD13BX-200	2p	190	190	80	160	80	250	160	160	Φ7	82	M8
	3p	210	190	80	160	80	250	80	160	Φ7	82	M8
	4p	290	190	80	160	80	250	160	160	Φ7	82	M8
HD13BX-400	2p	220	205	92	180	90	250	180	160	Φ7	88	M12
	3p	240	205	92	180	90	250	90	160	Φ7	88	M12
	4p	330	205	92	180	90	250	180	160	Φ7	88	M12
HD13BX-630	2p	240	300	100	188	100	250	200	160	Φ9	82	M16
	3p	270	300	100	188	100	250	100	160	Φ9	82	M16
	4p	370	300	100	188	100	250	200	160	Φ9	82	M16
HD13BX-1000	2p	280	315	116	226	120	250	240	160	Φ9	78	2-M12
	3p	325	315	116	226	120	250	120	160	Φ9	78	2-M12
	4p	450	315	116	226	120	250	240	160	Φ9	78	2-M12
HD13BX-1600	2p	310	355	125	238	130	250	260	160	Φ11		4-M12
	3p	360	355	125	238	130	250	130	160	Φ11		4-M12
	4p	490	355	125	238	130	250	260	160	Φ11		4-M12



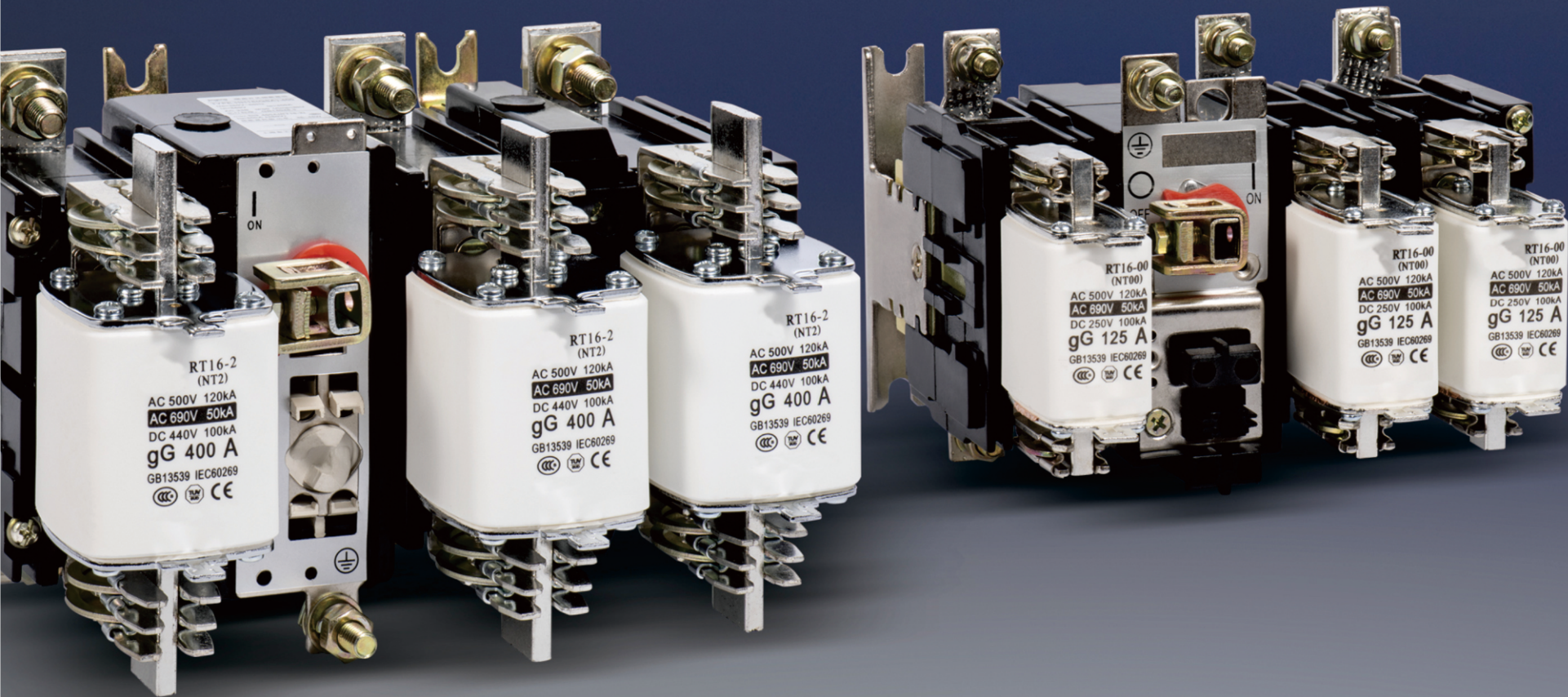
HD13BX-1000/31



HH15(QSA)

Isolator Switch Fuse Set

HH15(QSA) series isolation switch fuse set, HH15A(QA), HH15P(QP) series isolation switch, HH15S(QSS), HH15AS(QAS), HH15PS(QPS) series of double-throw transfer switches (hereinafter referred to as switches), mainly suitable for distribution circuits and motor circuits with high short circuit current, as manual infrequent operation of the main switch or master switch. Among them, QSA and QSS series switches can be used for short-circuit protection. The switch conforms to GB14048.3 IEC60947-3 standard, and is widely used in more advanced drawer type low-voltage complete sets of devices.



Isolator Switch Fuse Set

HH15(QSA)

Main Technical Parameters

Specification	QSA-125	QSA-160	QSA-250	QSA-400	QSA-630	QSA-800	QSA-1000	QSA-1250	QSA-1600
Poles	3	3	3	3	3	3	3	3	3.4
Nominal Insulation Voltage Ui(v)	1000	1000	1000	1000	1000	1000	1000	1000	1000
Rated Impulse Withstand Voltage Uimp(kv)	12	12	12	12	12	12	12	12	12
Rated Operational Voltage Ue(V)	AC 400	AC 400	AC 400	AC 400	AC 400	AC400	AC 400	AC 400	AC 400
Specified Heating Current (A)	125	160	250	400	630	800	1000	1250	1600
Rated Operational Current 400v:ac-22b(A)	125	160	250	400	630	800	1000	1250	1600
Rated Limited Short-circuit Voltage 400v时(kA)	50	50	50	50	50	50	50	100	100
Mechanical Endurance	1400	1400	1400	800	800	800	1000	800	1000
Electrical Endurance	200	200	200	200	200	200	200	100	100
Fuse Rated Current 400v时(a)	125	160	250	400	630	800	1000	1250/1000/800	1600/1000
Fuse Size	00	00	1	2	3	3	RS0/RST1	4	4
Operating Torque(nm)	7.5	16	16	25	30	30	38	38	40
The Auxiliary Contact Is Specified For The Rated Heating Current lth 400v、ac-15a	4	4	4	4	4	4	4	4	5

HR6

Fuse type Dis-connector

HR6 series fuse type isolation switch (hereinafter referred to as switch) is mainly used in the rated voltage AC400V, the heating current to 800A with high short circuit current distribution circuit and motor circuit, as a power switch, isolation switch, emergency switch, and circuit protection, but generally not as a direct opening and closing of a single motor.

The switch complies with the GB/T14048.3 IEC60947-3 standard



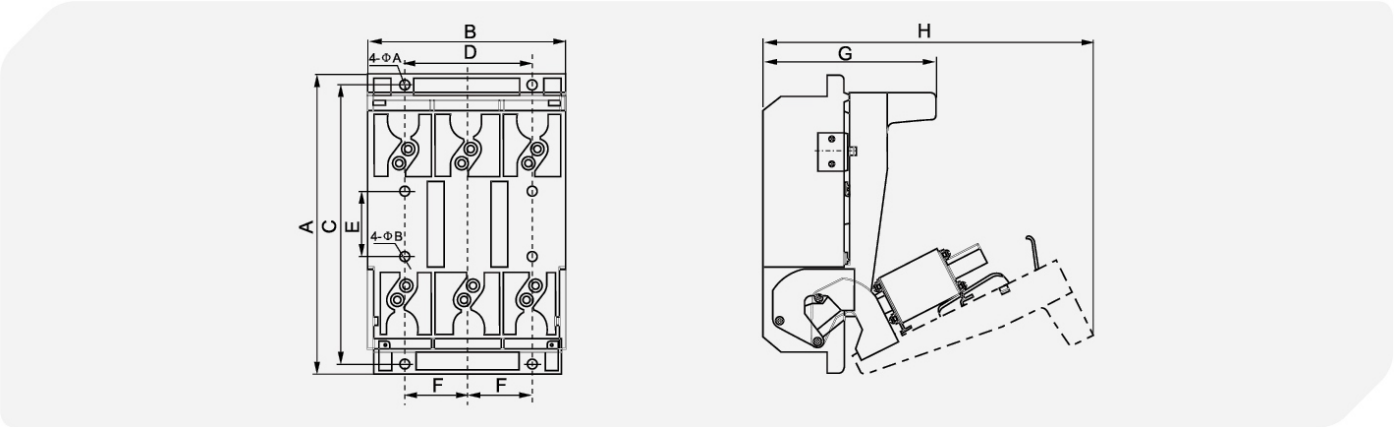
Fuse type Dis-connector

HR6

Main Technical Parameters

Model	HR6-160	HR6-250	HR6-400	HR6-630	HR6-800	HR6-630(JP)	HR6-800(JP)
Nominal Insulation Voltage (v)	1000	1000	1000	1000	1000	1000	1000
Specified Heating Current (a)	160	250	400	630	800	630	800
Rated Operational Current (a)	160	250	400	630	800	630	800
Rated Operational Voltage (v)	400	400	400	400	400	400	400
Rated Limit Short-circuit Current (ka)	10	10	15	15	15	15	15
Compatible Nt Fuse Sizes	00	1	2	3	3	3	3
Pollution Degree	3	3	3	3	3	3	3
Installation Category	III	III	III	III	III	III	III

Note: The rated voltage of the auxiliary switch is AC 380V, the agreed heating current is 5A, the use category is AC-15, and the rated working power is 300VA



Model	Boundary Dimension(mm)						Mounting Dimension(mm)			
	A(Max)	B(Max)	E	F	G(Max)	H(Max)	C	D	ΦA	ΦB
HR6-160	215	138	40	40	142	252	200	80	Φ7	Φ7
HR6-250	280	189	60	60	162	320	260	120	Φ9	Φ9
HR6-400	300	220	60	72	195	360	280	144	Φ9	Φ9
HR6-630	300	248	60	80	195	360	280	160	Φ9	Φ9
HR6-800A	300	244	60	80	195	360	280	160	Φ9	Φ9
HR6-630(JP)	300	244	60	80	185	360	280	160	Φ9	Φ9
HR6-800(JP)	300	244	60	80	195	360	280	160	Φ9	Φ9

■ HR6-160



■ HR6-250



■ HR6-630



HR17B

Fuse type Dis-connector

HR17B series fuse type isolation switch (hereinafter referred to as switch), suitable for AC 50Hz, rated voltage to 400V, agreed heating current to 800A with high short circuit current distribution circuit and motor circuit, used as manual infrequent operation of the power switch, isolation switch and emergency switch, and for circuit short circuit protection. However, it is generally not used for directly opening and closing a single motor. The switch is beautiful in appearance, novel and simple, simple in structure, easy to operate, in line with IEC60947-3 GB14048.3 standard, is the best choice of similar products.

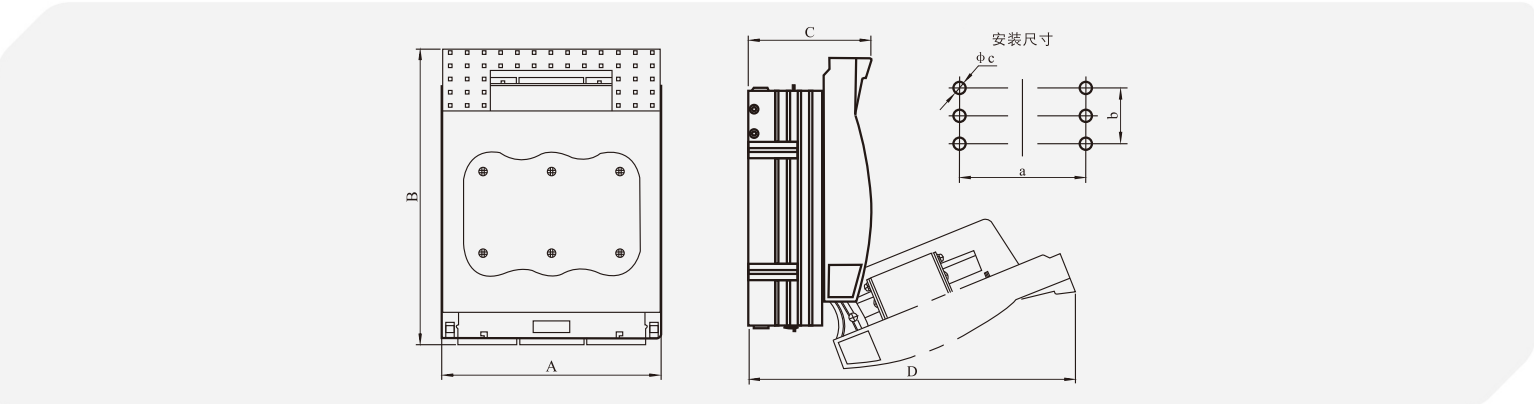


Fuse type Dis-connector

HR17B

Main Technical Parameters

Mdoel	HR17B						
Rated Thermal Current Lth	40A	63A	160A	250A	400A	630A	800A
Rated Insulating Current Ui	690V		1000v				
Rated Operational Voltage Ue	AC400V						
Rated Frequency	50Hz						
Rated Interrupting Capacity (arm.s)	10le						
Rated Breaking Capacity (ar.m.s)	8le						
Rated Limit Short-circuit Current (rm.s)	50kA						
Rated Operational Current Le400v/ac-23b	40A	63A	160A	250A	400A	630A	800A
Mechanical Endurance	10000	8000	5000	3000	2000	1500	1500
Electrical Endurance	3000	2000	1000	600	400	300	300
Operating Force F(n)	≤100	≤150	≤250	300	350	≤400	
The Power Dissipated By The Fuse P	4W	6W	12W	24W	34W	48W	
Weight (triple Pole Switch) Kg	0.36	0.65	1.2	3.5	5.1	6.85	
Main Parameters Of The Assistant Micro Switch	50Hz、AC-15、220V、3A						



Model		Boundary Dimension(mm)				Mounting Dimension(mm)		
		A	B	C	D	a	b	ΦC
HR17B-40	2P	55	116	76	150	25	-	Φ6
	3P	76	116	76	150	42	-	Φ6
HR17B-63	2P	74	116	76	150	35	-	Φ6
	3P	105	116	76	150	62	-	Φ6
HR17B-160	3P	106	200	83	205	66	25	Φ7
HR17B-250	3P	185	247	110	295	114	50	Φ11
HR17B-400	3P	210	290	125	340	130	50	Φ11
HR17B-630/800	3P	256	300	145	360	162	50	Φ11

● HR17B-160/3



● HR17B-250/3

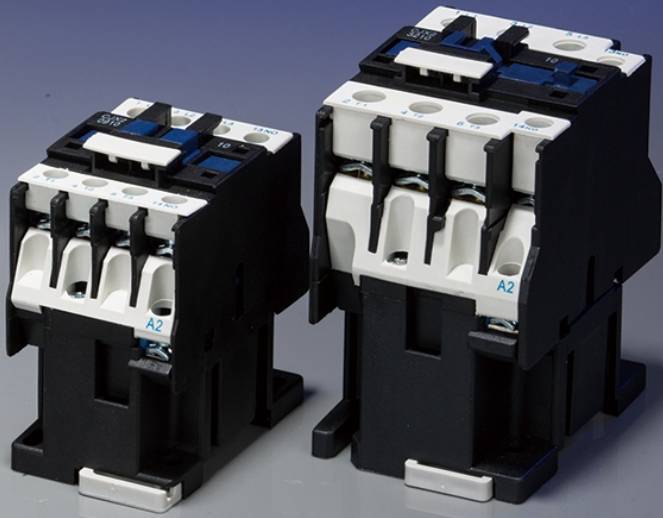


WSC1

AC Contactor

WSC1 series AC contactor (hereinafter referred to as contactor) is mainly used for AC 50Hz or (60Hz), rated working voltage up to 690V, rated current from 9A to 1000A when rated working voltage is 380V under AC-3 use category, for long-distance connecting and disconnecting circuit. And can be combined with the appropriate thermal overload relay to form an electromagnetic starter to protect

A circuit capable of operating overloads, contactors are suitable for frequently starting and controlling AC motors.



AC Contactor

WSC1

Main Technical Parameters

Model			WSC1-09	WSC1-12	WSC1-18	WSC1-25	WSC1-32	WSC1-40	WSC1-50	WSC1-65	WSC1-80	WSC1-95	WSC1-115	WSC1-150/170	WSC1-185	WSC1-205	WSC1-225	WSC1-245	WSC1-265	WSC1-300/330	WSC1-410	WSC1-475	WSC1-630	WSC1-800	WSC1-1000
Rated operating current(A)	380V	AC-3	9	12	18	25	32	40	50	65	80	95	115	150/170	185	205	225	245	265	300/330	410	475	630	800	1000
	660V	AC-3	6.6	8.9	12	18	21	34	39	42	49	49	70	90/100	108	130	115	170	180	180	235	270	360	475	500
Rated Thermal Current(A)			20	20	32	40	50	80	80	80	125	125	200	200	275	275	280	315	315	400/450	500	700	800	100	1000
Controlled Three-Phase Induction Motor Power AC-3(kW)	220V		2.2	3	4	5.5	7.5	11	15	18.5	22	25	30	40/55	55	63	63	75	75	100	110	147	200	230	260
	380V		4	5.5	7.5	11	15	18.5	22	30	37	45	55	75/90	90	100	110	125	132	160	200	250	335	400	450
	660V		5.5	7.5	10	15	18.5	30	37	37	45	45	80	100	110	120	140	150	160	220	280	330	450	475	500
Rated Operating Frequency /h	AC-3		1200	1200	1200	1200	600	600	600	600	600	600	300	300	120	120	120	120	120	120	120	120	120	120	120
	AC-4		300	300	300	300	300	300	300	300	300	300	300	300	30	30	30	30	30	30	30	30	30	30	630
Electrical Endurance	AC-3		100	100	100	100	80	80	60	60	60	60	60	60	30	30	30	30	30	30	30	30	30	30	30
	AC-4		20	20	20	20	20	15	15	15	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Echanical Endurance			1000	1000	1000	1000	800	800	800	800	600	600	600	600	600	600	600	600	600	600	600	600	300	300	300
Compatible fuse model			RT16-20	RT16-20	RT16-32	RT16-40	RT16-50	RT16-63	RT16-80	RT16-80	RT16-100	RT16-125	RT16-160	RT16-200/250	RT16-250	RT16-250	RT16-315	RT16-315	RT16-400	RT16-400	RT16-500	RT16-500	RT16-630	Rt17-4/800	RT17-4/1250
Standardization			IEC60947-4-1 GB/T14048.4																						

WSC1-0910



WSC1-3210



WSC1-4011



WSC1-D245



WSC1-D410



WSC1-D620



WKBO

Control and Protector Switch

WKBO series control protection switch, mainly used for AC 50Hz(60Hz), rated voltage below 690V. The working current is less than 125A in the power system to switch on, carry and break the current under normal conditions and overload conditions, and can switch on and carry and break the current under abnormal normal conditions (such as short circuit current).

WKBO series control and protection switches have exquisite appearance, powerful intelligent function, accurate current trip setting, easy installation and use, especially suitable for modern buildings in the pump, wind, air conditioning, fire, lighting and other electronic control systems: Motor control and protection in metallurgy, coal mine, petrochemical, port, ship, railway, textile and other fields, motor control center (MCC) is especially intelligent electronic control system or high breaking capacity MCC (requires ICS up to 50 ka distribution control system); Single motor control and protection in factories or workshops, as well as remote control in lighting systems.

This product meets the standard; GB/T14048.9 IEC60947-6-2.



INTELLIGENT CONTROL BUILDING THE FUTURE

Control and Protector Switch

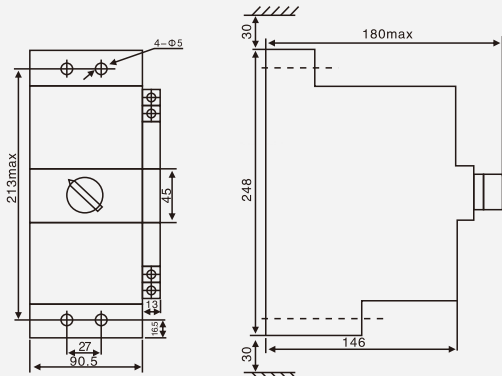
WKBO

Main Technical Parameters

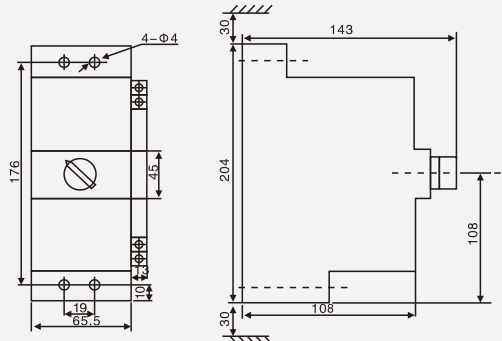
Roduct Framework		WKBO-45		WKBO-125	
In(A)		16、32、45		63、80、125	
Rated Operating Voltage Lea		0.16-45		45-125	
Rated Operational Voltage Ucv				400	
Ac-43 Electrical Endurance				100	
Mechanical Endurance				500	
Average Power Consumption Of Control Circuit(a)	Starting Capacity Va			180	
	Capacity Retention Va	3		4.5	
Actuation Time	Response Time B)ms			9-25	
	Release Time C)ms			7-20	
Rated Short-circuit Breaking Capacity Lcska	Operating Voltage V	400	S:25 M:35 H:50	M:35 H:50	
Rated Current Level Of The Trip Device Le	Nominal Voltage V	400	0.16-100		

Frame current Inm	Intelligent Controller Rated Current Ie	Constant current Ir	Constant current Is	380VThe control power kW	Rated Current of the Main Circuit In			Use Classes	
45	0.4	0.16~0.4	0.48~4.8	0.05~0.12					
	1	0.4~1	1.2~12	0.12~0.33					
	2.5	1~2.5	3~30	0.33~1					
	4	1.6~4	4.8-48	0.53~1.6	12				
	6.3	2.5-6.3	7.5~75.6	1~2.5					
	10	4~10	12~120	1.6~5.5	16				
	12	4.8~12	14.4~144	2.2~5.5					
	16	6.4~16	19.2~192	2.5~7.5		18			
	18	7.2~18	21.6~216	3.3~7.5					
	25	10~25	30~300	5.5~11			32		
	32	12.8~32	38.4~384	5.5~15					
	40	16~40	48~480	7.5~18.5					45
125	45	18~45	54~540	7.5~22					
	6.3	2.5~6.3	7.5~75.6	1~2.5					
	10	4~10	12~120	1.6~5.5	12				
	12	4.8~12	14.4~144	2.2~5.5	16				
	16	6.4~16	19.2~192	2.5~7.5	18				
	18	7.2~18	21.6~216	3.3~7.5		32			
	25	10~25	30~300	5.5~11					
	32	12.8-32	38.4-384	5.5~15			45		
	40	16~40	48-480	7.5~8.5					
	45	18~45	54-540	7.5~22			63		
	50	20~50	60~600	7.5~22					
	63	25.2~63	75.6~756	11~30				100	
	80	32~80	96-960	15~37					
	100	40~100	120-1200	18.5-45					125
	125	50~125	150~1500	22~55					

Westhomes®
—— 西屋股份 ——



WKBO-125系列控制与保护开关电器



WKBO-45系列控制与保护开关电器

■ WKBO-45C/M45/06M

■ WKBO-45C/M45/06ML

■ WKBO-125C/M125/06M



| Westhomes® 105-106

WJR36

Thermal Relay

WJR36 series thermal overload relay (hereinafter referred to as thermal relay) is suitable for AC 50Hz/60Hz voltage to 690V, current 0.25~160A long-term operation or discontinuity Overload and phase break protection of AC motor in phase operation.

Thermal relay has phase break protection, temperature compensation, automatic and manual reset, product performance is stable and reliable.

This product complies with the standard: GB/T14048.4 GB/T14048.5, IEC60947-4-1.

Thermal relays can only be mounted independently. The product can be combined with CJT1 contactor to form QC36 type electromagnetic starter.



Thermal Relay

WJR36

Main Technical Parameters

Model			WJR36-20	WJR36-63	WJR36-160
Current Class A			32	32	160
Nominal Insulation Voltage V			690	690	690
Open-phase Protection			Yes	Yes	Yes
Manual And Automatic Reset			Yes	Yes	Yes
Temperature Compensation			Yes	Yes	Yes
Test Button			Yes	Yes	Yes
Installation			Independent Type	Independent Type	Independent Type
Auxiliary Contact			1NO+1NC	1NO+1NC	1NO+1NC
Ac-15380v Rated Current A			0.47	0.47	0.47
Traverse area mm	Main Circuit	Single-core Or Twisted Wire	1.0~6.0	2.5~16	10~70
		Terminal Screw	M5	M6	M8
	Auxiliary Circuit	Single-core Or Twisted Wire	2X(0.75~1.5)	2X(0.75~1.5)	2× (0.75~1.5)
		Binding Screw	M3	M3	M3

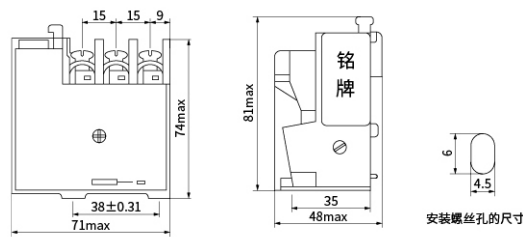
WJR36-20



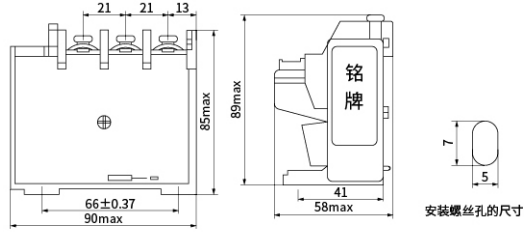
WJR36-63



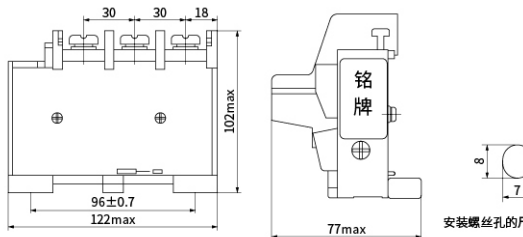
WJR36-160



WJR36-20



WJR36-63



WJR36-160

WSB8-80

Miniature Circuit Breaker(MCB)

WSB8-80 series miniature circuit breaker is suitable for AC50Hz or 60Hz, rated working voltage is AC230V/400V, rated current to 80A line, overload and short circuit protection of the line, can also be used as a line of infrequent operation of the switching purpose. The circuit breaker is suitable for commercial office buildings, residential buildings and similar buildings. This product conforms to GB/T10963.1 IEC60898-1 standard, with the international advanced level.

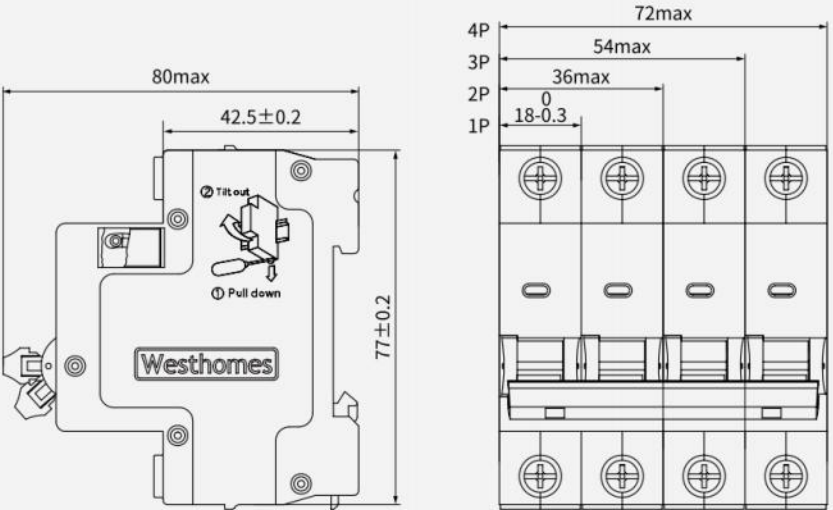


Miniature Circuit Breaker(MCB)

WSB8-80

Main Technical Parameters

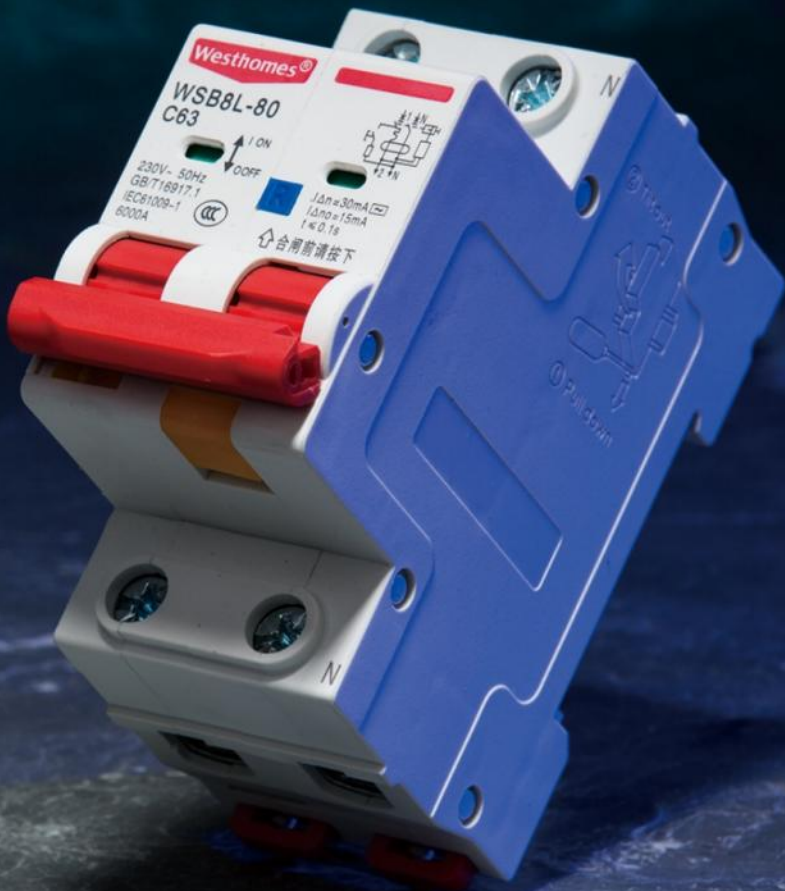
Model	WSB8-80、WSB8-80H
Rated voltage(Ue)	AC230V/400V(1P)、AC230V(1+P)、AC400V(2P3P,3P+N,4P)
Rated Current In(A)	6A、10A、16A、20A、25A、32A、40A、50A、63A、80A
Trip characteristics	C type、D type
Breaking Capacity	Ics=Icn=6000A H型:Ics=Icn=10000A
Poles	1P、1P+N(With one protective pole, N pole can be opened and closed)、2P、3P、3P+N(With one protective pole, N pole can be opened and closed)、4P
Nominal Insulation Voltage Ui	690V
Mechanical Endurance	20000 times
Electrical Endurance	4000 times
Standards-compliant	GB/T10963.1 IEC60898-1



WSB8L-80

MiniatureEarthLeakageCircuit
Breaker(integrated)(RCCB)

WSB8L-80 earth leakage circuit breaker (hereinafter referred to as earth leakage circuit breaker) is suitable for AC 50/60HZ, rated voltage AC230V, rated current up to 80A circuit, as a human electric shock, equipment leakage protection, and overload, short-circuit protection, It can also be used as aninfrequentconversionofthe lineunder normalcircumstances,andiswidelyusedinhotels,families,industrialandminingenterprises andother buildingsandsimilarplaces.
This product complies with GB/T 16917.1 and GB/T16917.22 standards.



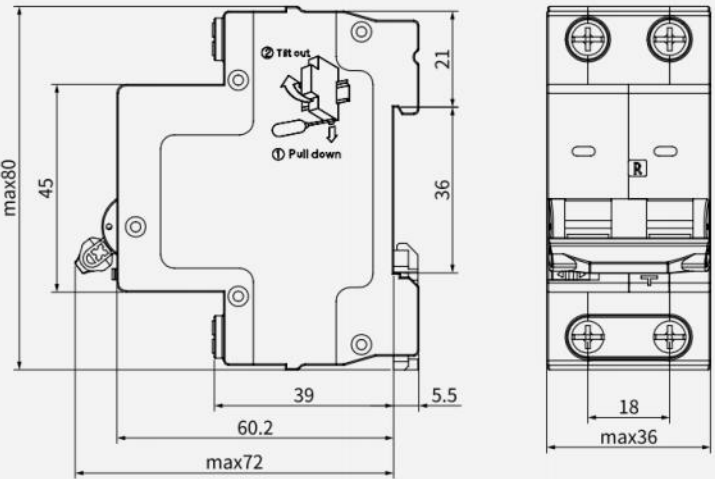
MiniatureEarthLeakageCircuitBreaker(integrated)(RCCB)

WSB8L-80

Main Technical Parameters

Model	WSB8L-80
Rated voltage(Ue)	AC230V
Rated Current In(A)	25A、32A、40A、50A、63A、80A
Tripcharacteristics	Ctype、Dtype
Breaking Capacity	Ics:6kA、Icn:6kA
Poles	2P
Ratedresidualcurrent(IΔn)	50mA、75mA、100mA、150mA、200mA、300mA、400mA、500mA可调
Rated residual breaking capacity(IΔm)	2kA
Nominal Insulation Voltage Ui	500V
RratedImpulseWithstandVoltage Uimp	4kV
MechanicalEndurance	20000 times
ElectricalEndurance	4000 times
Standards-compliant	GB/T16917.1、GB/T 16917.22

WSB8L-80 1P+N



WSB8LE-80

Miniature Earth Leakage Circuit Breaker(integrated)(RCCB)

WSB8LE-80 series residual current circuit breaker (with overcurrent protection) is suitable for AC 50/60HZ, rated voltage 230V/400V, rated current to 80A line, when the person touches or the leakage current of the power grid exceeds the specified value. Residual current action circuit breaker can quickly cut off the fault current in a very short time, to protect the safety of people and electrical equipment, also used as a line overload, short circuit and infrequent conversion and infrequent starting of the motor. This product is suitable for industrial, commercial high-rise buildings and residential and other places. This product complies with GB/T16917.1, GB/T16917.22 IEC61009-1 standard.



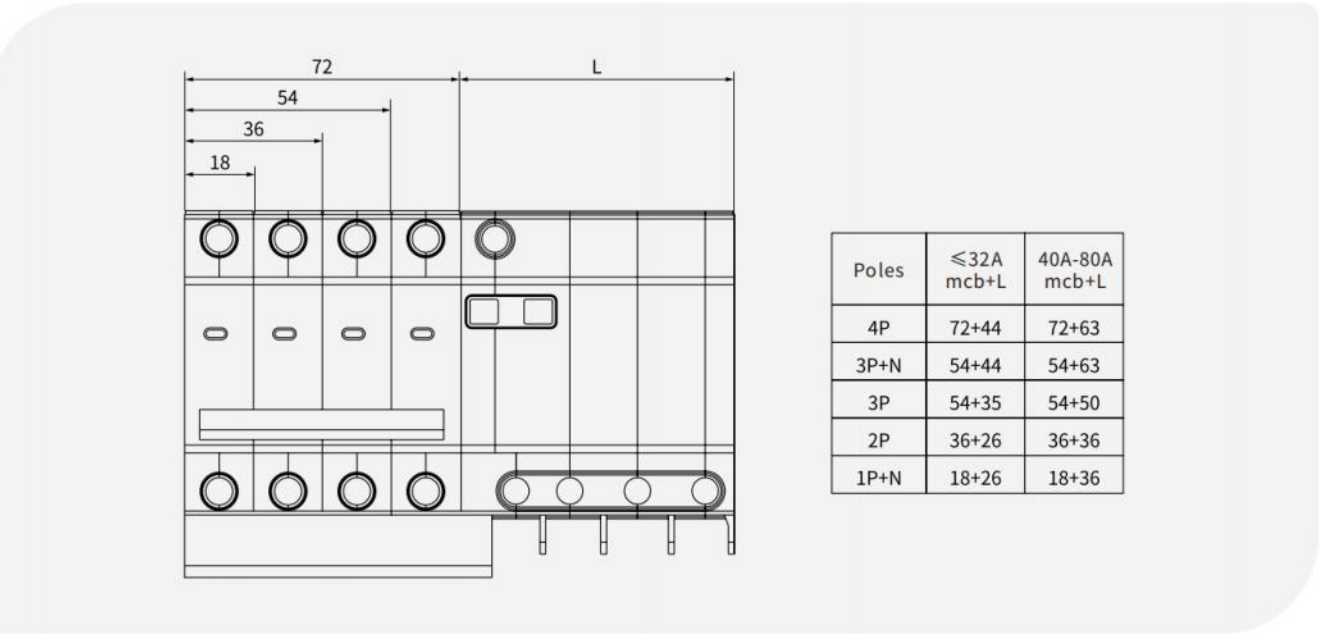
INTELLIGENT CONTROL BUILDING THE FUTURE

Miniature Earth Leakage Circuit Breaker(integrated)(RCCB)

WSB8LE-80

Main Technical Parameters

Model		WSB8LE-80、WSB8LE-80H
Poles(P)		1P+N、2P、3P、3P+N、4P
Breaking capacity		Ics=Icn=6000A、H type:Ics=7500A、Icn=10000A
Rated Voltage Ue(V)		AC230/400V
Rated Current In(A)		6、10、16、20、25、32、40、50、63、80
Frame current Inm(A)		80
Rated residual current IΔn(mA)		30;50
Rated residual inactivity current IΔno(mA)		15; 25
Rated short-circuit capacity Icu(A)		6000
Rated residual breaking capacity IΔm(A)		2000
Mechanical and Electrical Endurance	Electrical Endurance	1500 times
	Mechanical Endurance	8500 times



■ WSB8LE-80 1P+N ■ WSB8LE-80 2P+N



■ WSB8LE-80 3P ■ WSB8LE-80 3P+N



■ WSB8LE-80 4P



WSH8-100

Miniature Isolator
(MCB Isolator)

WSH8-100 series isolating switches,suitable for circuits with AC 50/60Hz, rated voltage AC230V/400V, rated current 20A to 100A, mainly for isolating the power supply of the line, and also for infrequent switching of the line without load. This series of disconnectors mainly consists of three parts: insulating shell, operating mechanism and contact system. The insulating shell is made of high-strength, flame-retardant nylon injection molding, the contacts are bridge-type double-breakpoints, and the operating mechanism is a spring-energy-storage snap-action structure. This series of isolating switches has a beautiful and compact appearance, with a unique opening and closing indication window. Fast breaking speed, sensitive and reliable action, standard mounting rail, easy to install and disassemble, single-phase, two-pole, three-pole, four-pole can be any combination, and can be used in conjunction with small circuit breakers, small leakage circuit breakers. Applicable to industrial, commercial, high-rise buildings, residential and other places.

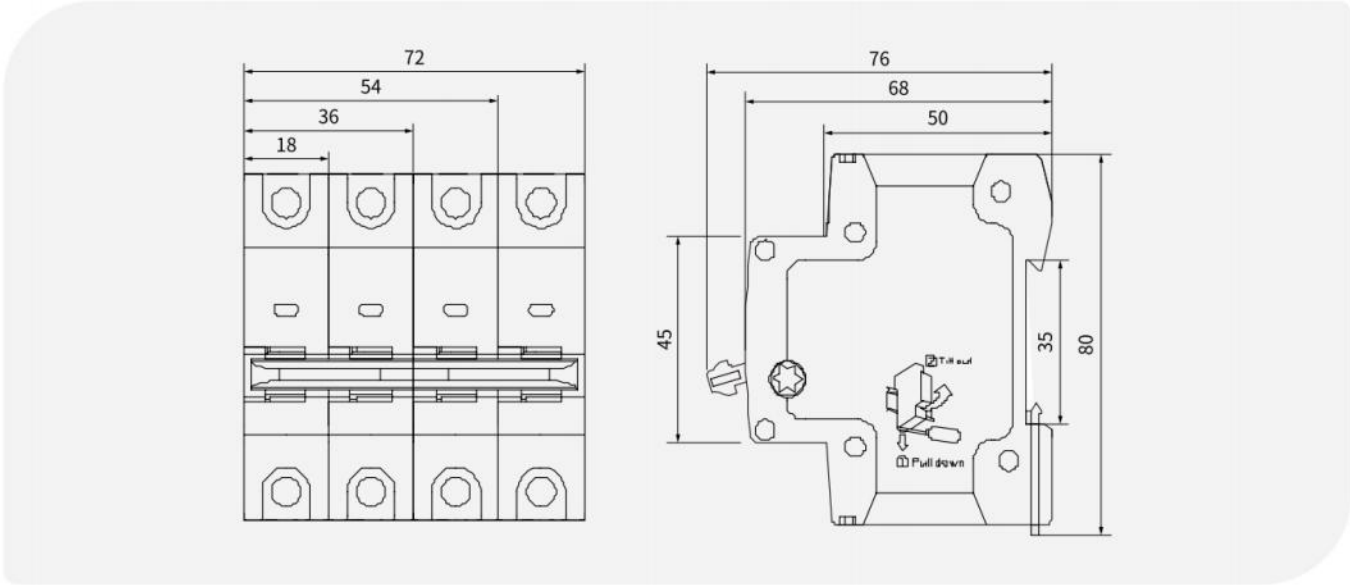


Miniature Earth Leakage Circuit Breaker(integrated)(RCCB)

WSH8-100

Main Technical Parameters

Model	WSH8-100
RatedCurrentIn(A)	20A、25A、32A、40A、50A、63A、80A、100A
Poles(P)	1P、2P、3P、4P
Rated Current(Ue)	AC230/400V
RatedShortTimeCurrent Icw	2kA/1s
RatedShort-CircuitAbility Icm	2.84kA
Anti-humidhotProperty	Category 2
UtilizationCategory	AC-22A
ElectricalEndurance	10000 times
MechanicalEndurance	20000 times
PollutionDegree	2 Level
UERadioAccessCapabilities	1~50mm2
QualityCertificate	ObtainedCCCcertification
Standardization	GB/T14048.3



WSH8-100 1P WSH8-100 2P



WSH8-100 3P



WSH8-100 4P



WSB5-40

Miniature Circuit
Breaker(MCB)

WSB5-40 "phase line + neutral line" circuit breaker is suitable for single-phase residential lines with AC 50Hz or 60Hz and rated voltage of 230V to protect electrical lines from overload and short circuit. The product has high breaking capacity, small size and width of 18mm. The neutral line and live line are cut off at the same time, eliminating the personal and fire hazards caused by the reverse connection of the live line and neutral line or the neutral line to the ground potential. It is the most ideal distribution protection switch in the field of civil housing.
This product complies with IEC60898.1 and GB/T10963.1 standards.



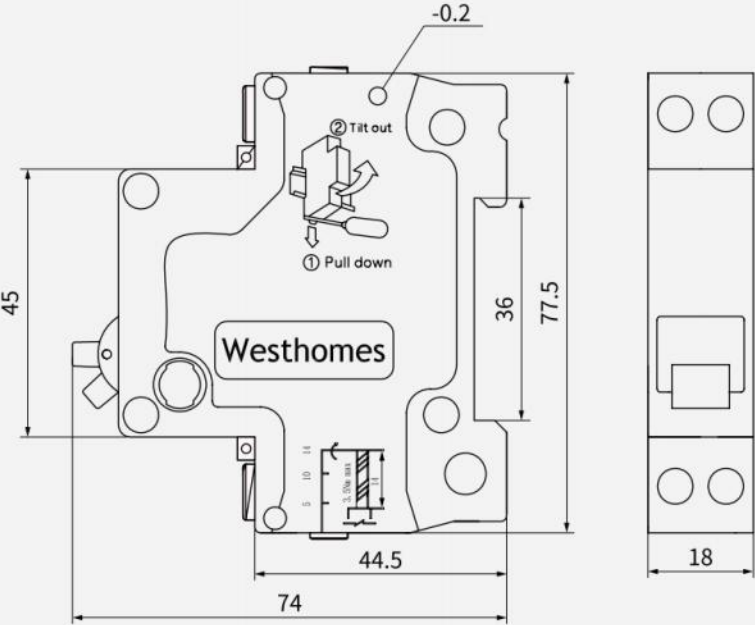
Miniature Circuit Breaker(MCB)

WSB5-40

Main Technical Parameters

Model	WSB5-40
Rated Voltage Ue	AC230V
Rated current I _n (A)	6A,10A,16A,20A,25A,32A, 40A
Breaking Capacity	C type: I _{cs} =I _{cn} :4500A(6~32A) B type: I _{cs} =I _{cn} :3000A(6~32A)
Poles	2P(With one protective pole)
Standardization	GB/T 16917.1;GB/T 16917.22

WSB5-40



WSB5L-40

Miniature Earth Leakage
Circuit Breaker(RCCB)

WSB5L-40 "phase line + neutral line + leakage" protection circuit breaker is suitable for single-phase residential lines with AC 50Hz or 60HZ and rated voltage of 230V. It is used as leakage protection and protects civil electrical lines from overload and short circuit. The product has small size and high breaking capacity; the neutral and live wires are cut off at the same time, and it can still protect against leakage when the live wire is connected in reverse.

This product complies with IEC61009 and GB/T16917.1 standards.

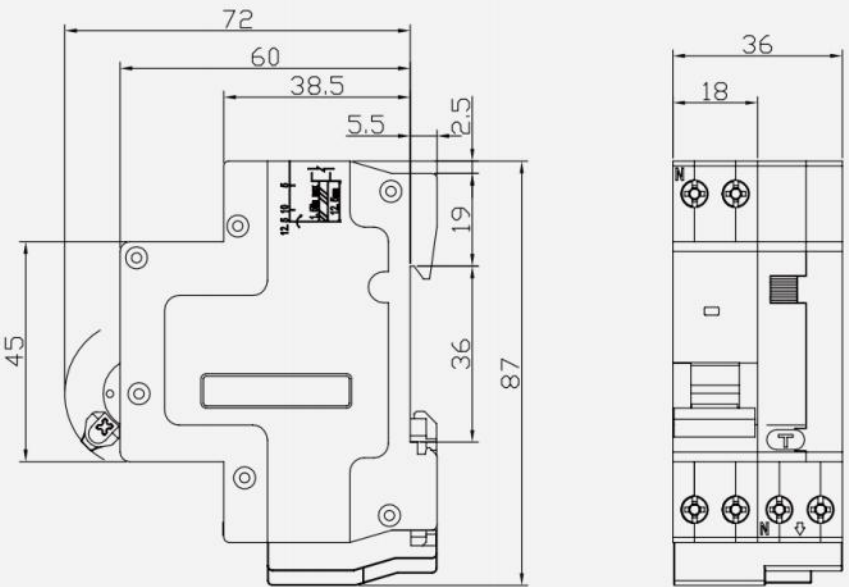


MiniatureEarthLeakageCircuitBreaker(RCCB)

WSB5L-40

Main Technical Parameters

Model	WSB5L-40
Rated Voltage Ue	AC230V
Ratedcurrentin (A)	6A,10A, 16A,20A,25A,32A,40A
Breaking Capacity	C type: Ics=Icn:4500A(6~32A) B type: Ics=Icn:3000A(6~32A)
Poles	2P(With one protective pole)
Standardization	GB/T 16917.1;GB/T 16917.22



WSB5L-40



WCM8

MouldedCaseCircuit Breaker(MCCB)

WCM8 series Moulded case circuit breaker, rated insulation voltage 1000V, rated voltage AC400V, rated frequency 50Hz, rated current from 10~800A. Shell frame current 400A and below circuit breaker can be used as infrequent starting of motor. Circuit breakers for power distribution are used to distribute power in power distribution network and can be used for overload, short circuit and under voltage protection of lines and power supply equipments. Circuit breakers for motor protection are used for starting and breaking of squirrel-cage motors in power distribution networks and for overload, short-circuit and under-voltage protection of motors. This product complies with GB/T14048.2 low voltage circuit breaker standard.

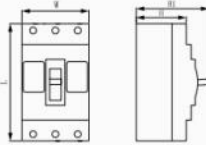
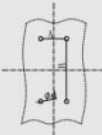


INTELLIGENT CONTROL BUILDING THE FUTURE

MouldedCaseCircuitBreaker(MCCB)

WCM8

Main Technical Parameters

Items		Parameter																	
Shell Frame Rated CurrentInm(A)		63		125			250			400			630			800			
Breaking Capacity Rating		L	M	S	H	R	S	H	R	S	H	R	L	M	H	S	H	R	
Rated Current Of The Trip DeviceIn(a)		10、16、20、25 32、40、50、63		16、20、25、32、40、50 63、80、100、125			100、125、140、160、 180、200、225、250			200、225、250、315、 350、400			400、500、630			630、700、800			
Poles		3P/4P		3P/4P			3P/4P			3P/4P			3P/4P			3P/4P			
Nominal Insulation Voltage Ui(V)		1000		1000			1000			1000			1000			1000			
Rated Operational Voltage Ue(V)		AC400V		AC400V			AC400V			AC400V			AC400V			AC400V			
RatedImpulseWithstandVoltageUimp(kv)		8		8			8			8			8			8			
SelectiveClass		A Class		A Class			A Class			A Class			A Class			A Class			
Shortrated limitIcu(kA)	AC400V	35	50	35	50	85	35	50	85	50	65	100	50	65	100	50	65	100	
Shortrunning ratingIcs(kA)	AC400V	25	35	17.5	25	42.5	17.5	25	42.5	35	40	50	25	42	65	35	48	50	
Dimensions (mm)		W	75/103		93/107			107/142			150/198			182/238			210/280		
		L	136		150			165			257			270			275		
		H	66.5	74.5	61	79		81	99		102	105.5		107.5		107.5			
		H1	90.5	98.5	86	104		110	127		151.5	160		155		155			
Mounting dimension (mm)		A	25		30			35			44			58			70		
		B	115		130.5			126			194			200			243		
		Φd	3.5		4.5			5			7			7			7		

■ WCM8-125S



■ WCM8-250S



■ WCM8-400S



■ WCM8-630S



WCM8L

Earth Leakage Circuit
Breaker(ELCB)

WCM8L series Earth Leakage circuit breakers (hereinafter referred to as circuit breakers), mainly applicable to AC 50Hz, rated voltage of 400V, rated current up to 800A power distribution network, used to provide people with indirect contact protection, also can be used to prevent fire hazards due to damage to the insulation of the equipment, the generation of ground fault current caused by the fire and can be used for the distribution of power and protection of the line and the power supply equipment overload and short circuit.



INTELLIGENT CONTROL BUILDING THE FUTURE

Earth Leakage Circuit Breaker(ELCB)

WCM8L

Main Technical Parameters

Items			Parameter									
Shell Frame Rated CurrentInm(A)			125		250		400		630		800	
BreakingAbilityLevel			Ordinary type	H	Ordinary type	H	Ordinary type	H	Ordinary type	H	Ordinary type	H
RatedCurrentOfTheTripDeviceIn(A)			16、20、25、32、40、50 63、80、100、125		100、125、140、160、180 200、225、250		200、225、250、315、350、 400		400、500、630		630、700、800	
Poles			2P/3P/4P		2P/3P/4P		3P/4P		3P/4P		3P/4P	
NominalInsulationVoltageUi(V)			1000		1000		1000		1000		1000	
RatedOperationalVoltageUe(V)			AC230V/AC400V		AC230V/AC400V		AC400V		AC400V		AC400V	
RatedImpulseWithstandVoltageUimp(kV)			8		8		8		8		8	
Selective Class			A Class		A Class		A Class		A Class		A Class	
RatedResidualOperatingCurrentIn(mA)			100、300、500		100、300、500		100、300、500		100、300、500		100、300、500	
LimitsDoNotDriveTimeIΔt(s)			0.1、0.5、OFF		0.1、0.5、OFF		0.1、0.5、OFF		0.1、0.5、OFF		0.1、0.5、OFF	
RatedShort-Circuit BreakingCapacityIcu(kA)	AC400V		35	55	35	55	50	75	50	75	50	75
RatedShort-Circuit BreakingCapacityIcs(kA)	AC400V		25	35	25	35	35	55	35	55	35	55
Dimensions (mm)		W	63/92/123		75/107/142		150/198		210/282		210/282	
		L	150		166		258		281		281	
		H	72		71		102		112		112	
		H1	93		94		150		157		157	
Mounting dimension (mm)		A	30		35		44		70		70	
		B	128		126		194		243		243	
		Φd	4.5		4.5		6.5		6.5		6.5	

备注: 额定剩余动作电流和极限不驱动时间可以根据用户需求定制

■ WCM8L-125



■ WCM8L-250



■ WCM8L-400



■ WCM8L-800



WCM8E

ElectronicMoldedcase
CircuitBreaker

WCM8E series electronic molded case circuit breaker is one of the new circuit breakers developed by our company with international advanced design and manufacturing technology. Open 1000V, suitable for AC 50Hz, rated voltage 400V, rated working current 800A. The circuit breaker has overload longdelay inverse time,open short delay inversetime,shortcircuitshortdelay fixedtime,shortcircuitinstantaneousandlongundervoltageprotectionforce,whichcanprotecttheline and currentequipmentfromdamage.

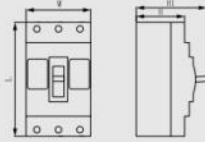
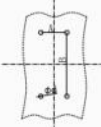


INTELLIGENT CONTROL BUILDING THE FUTURE

Electronic Moldedcase Circuit Breaker

WCM8E

Main Technical Parameters

Items			Parameter												
Bracketratingcurrentinm(a)			125			250			400		630		800		1250
Breakingabilitylevel			L	M	H	L	M	H	M	H	M	H	M	H	
Ratedcurrentin(settingcurrentir)A			32(16、20、25、32);63(32、36、40、45、50、55、60、63);125(63、65、70、75、80、85、90、95、100、125)			250(100、125、140、160、180、200、225、250)			400(200、225、250、280、315、350、400)		630(400、420、440、460、480、500、530、560、600、630)		800(630、640、660、680、700、720、740、760、780、800)		1250(800、1000、1250)
Poles			3P/4P			3P/4P			3P/4P		3P/4P		3P/4P		3P/4P
Nominalinsulationvoltageui(v)			1000			1000			1000		1000		1000		1000
Ratedoperationalvoltageue(v)			AC400V			AC400V			AC400V		AC400V		AC400V		AC400V
Ratedimpulsewithstandvoltageuimp(v)			8			8			12		12		12		12
Ratedshorttimecurrenticw(ka/1s)			5			5			8		10		10		10
Selectiveclass:			B class			B class			B class		B class		B class		B class
RatedShort-Circuit BreakingCapacityIcu(kA)	AC400V		35	50	85	35	50	85	65	100	65	100	65	100	65
RatedShort-Circuit BreakingCapacityIcs(kA)	AC400V		25	35	65	25	35	65	50	85	50	85	50	85	50
Dimensions (mm)		W	92/122			107/142			150/198		182/240		210/280		210/280
		L	150			165			258		270		280		466
		H	80			85			98		104		106		139
		H1	108			110			150		156		156		190
Mounting dimension (mm)		A	30			35			44		58		70		70
		B	129			126			194		200		243		300
		Φd	4.5			4.5			7		7		7		9.5

■ WCM8E-125



■ WCM8E-400



■ WCM8E-250



■ WCM8E-630



WSB6Z

Photovoltaic DC Circuit Breaker

WSB6Z-40DC/63DC series photovoltaic DC circuit breakers are designed for DC systems. It is suitable for DC systems with rated currents up to 63A and rated voltages up to 1500V. They provide overload and short-circuit protection and can also be used for infrequent on-off switching of lines under normal circumstances. The circuit breaker has advantages of beautiful and compact appearance, excellent and reliable performance, high breaking capacity, quick tripping, and is installed using TH35 standard rails. The body shell is made of highly flame-retardant and impact-resistant plastic, making it easy to install, have a long service life. The product has a position indicator for contact opening and closing. The DC circuit breaker complies with GB/T14048.2 standards and IEC/EN60947-2.

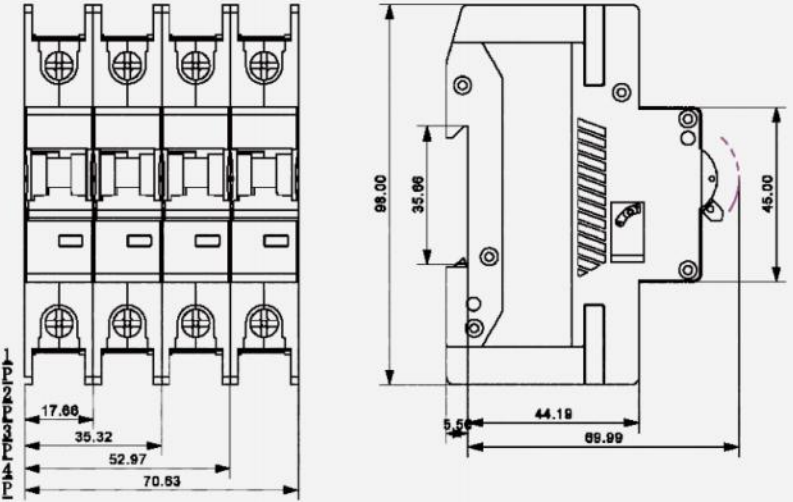


Photovoltaic DC Circuit Breaker

WSB6Z

Main Technical Parameters

Model	WSB6Z-40DC	WSB6Z-63DC
Rated Voltage Ue	1P DC500V/DC600V, 2P DC1000V, 3P DC1500V	1P DC300V, 2P DC600V, 3P DC750V/DC900V, 4PDC1000V/DC1200V
Pole numbers	1P、2P、3P	1P、2P、3P、4P
Current	1A、2A、3A、4A、5A、6A、10A、16A、20A、25A、32A、40A	1A、2A、3A、4A、5A、6A、10A、16A、20A、25A、32A、40A、50A、63A
Shell protection level	IP20	IP20
Rated short-circuit capacity	Ics=Icu=6KA	Ics=Icu=6KA



WSB6Z-63DC



WSB6Z-63DC

