



PIONEER OF INTELLIGENT CIRCUIT BREAKER

Products Manual

MCB、RCBO、iMCB

Low Energy Consumption

High Breaking Capacity

High Torque

Intelligence



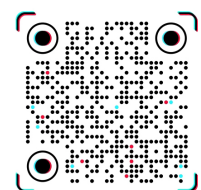
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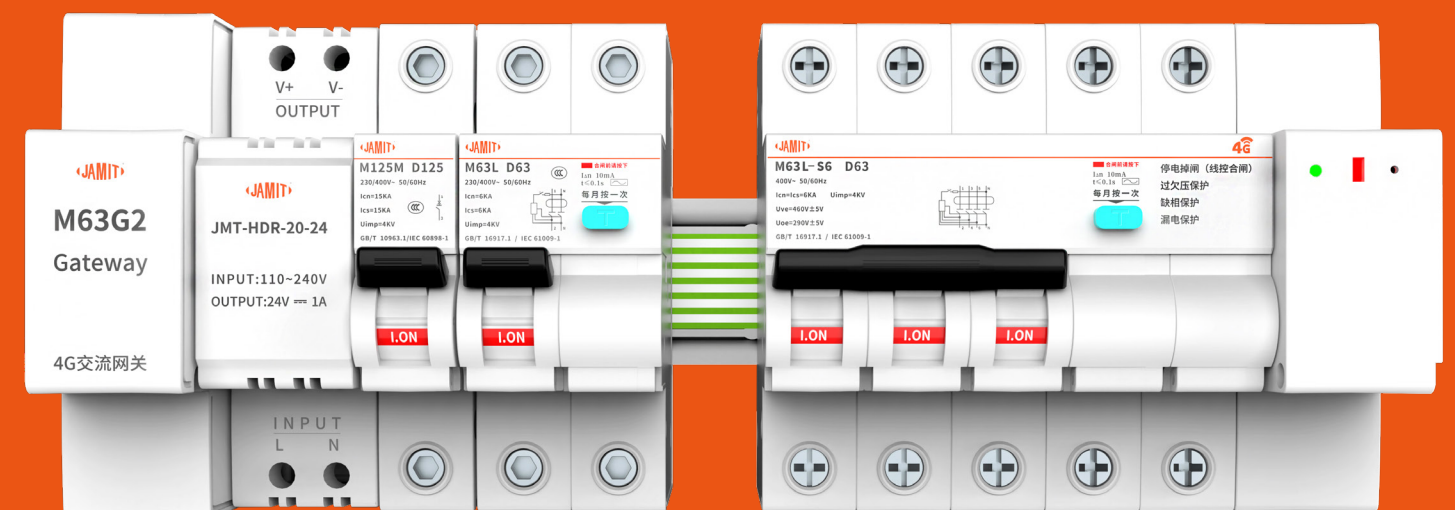
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COMPANY PROFILE



About JAMIT

- ▶ 30 Years of professional experience
- ▶ National High-Tech Enterprise
- ▶ Having core technology and production process
- ▶ More than 100 design patents
- ▶ Certification: CCC, CE, CB, UKCA



Corporate Vision

Core Advantage: Fully independent intellectual property rights, mastering the core technology and production process.

Product concept: 100% independent research and development, 100% independent production, 100% factory inspection.

Market Concept: To be a low energy consumption and high breakage circuit breaker in line with the international developments.

Enterprise vision: To be recognised as a world-class electrical brand.



Product Introduction

M63 Series MCB/intelligent MCB(iMCB):

Including various specifications of 1P, 2P, 3P, 4P, 1P+N, 3P+N for AC and DC circuit breaker, and have the Characteristics as switch-off when power off, remoting for switch on/off, electricity metering, wire temperature monitoring, data communication, etc

Accessory of iMCB:

AC/DC gateway, communication track, Switching Mode Power Supply, DI/DO, auxiliary contact, DPN etc.

M160 Series:

Including various specifications of 1P, 2P, 3P, 4P for AC and DC circuit breaker, max torque of terminal lug is 10Nm.





TECHNICAL STRENGTH

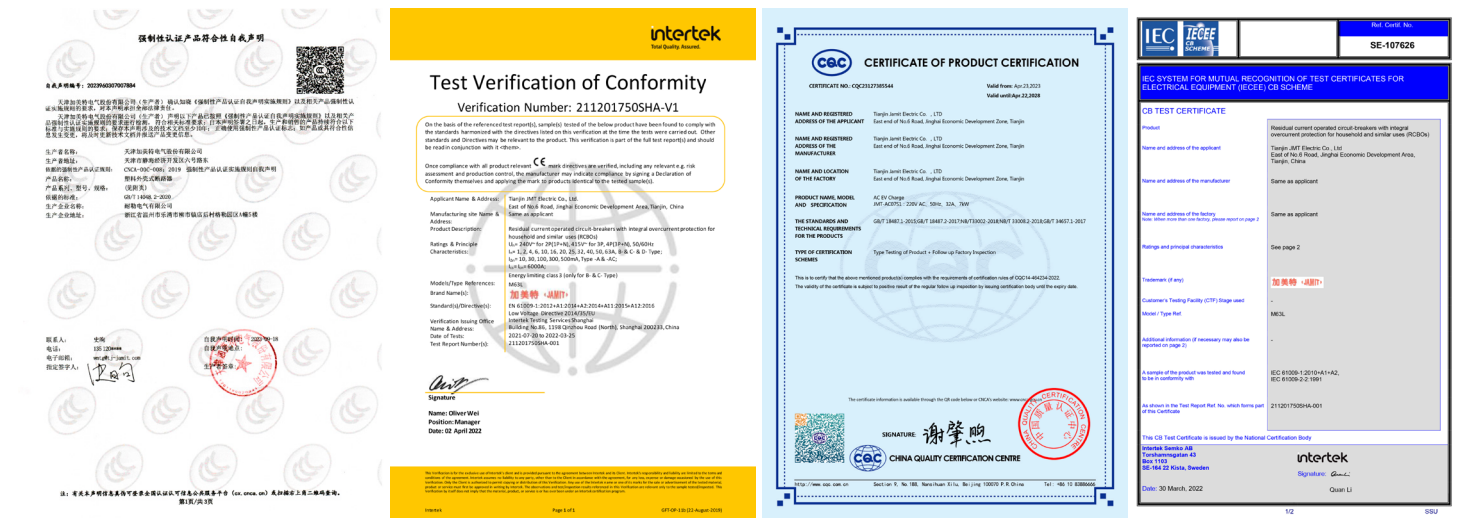


Patents

More than 100 design patents

Manufacturing Centre

JAMIT apply international quality management system standards, whilst using industry leading production equipment. We continuously provide staff training and development in our pursuit of excellence. All products are 100% inspected to ensure consistent product quality and adherence to quality systems. We supply domestic and international markets with the world's leading low voltage electrical products.



Certification

CCC, CE, CB, UKCA

Innovations

In addition to traditional Characteristics(short-circuit protection, leakage protection, over-load protection), JAMIT intelligent MCB also has many other innovations.

01

switch-off when power off
switch-on when power on



02

Electricity metering



03

Protection for lack of phase/phase
order/over or lack of voltage



04

Remoting for switch on/off



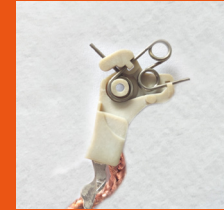
05

4g gateway/intelligent
communication track

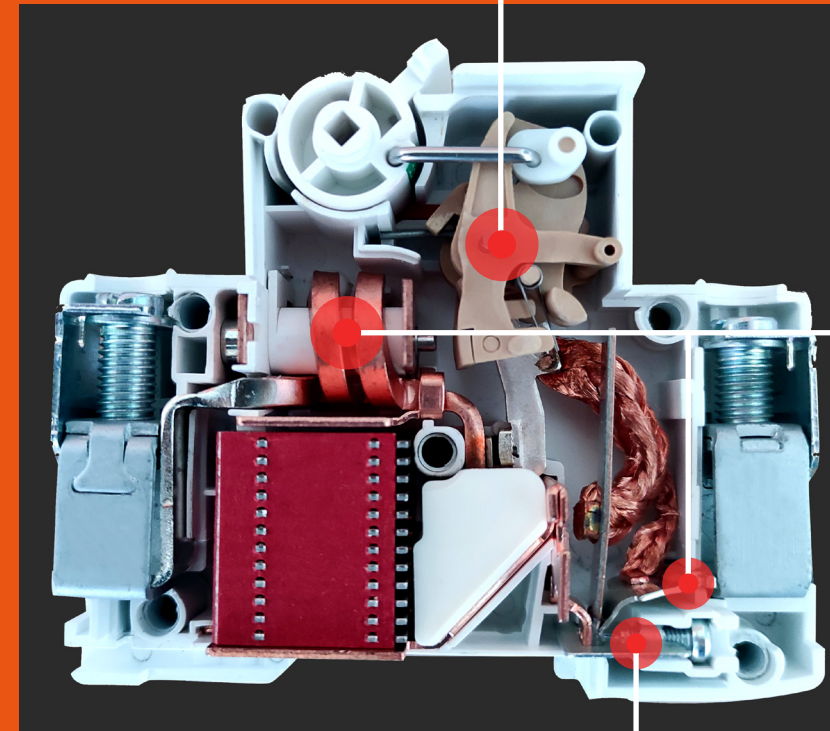


06

Digital management platform



Composite Spring

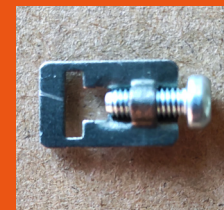


The energy storage closing function

The energy storage closing function is a symbol of high-end circuit breakers, which can quickly close the contacts of the circuit breaker at the moment of closing, prevent arcing and welding between the contacts, and improve the service life of the contacts and switches. The JAMIT circuit breaker is equipped with JAMIT's unique composite spring patented technology, making the energy storage closing function a standard feature of JAMIT's entire series of circuit breakers

Integrated inlet and outlet structure

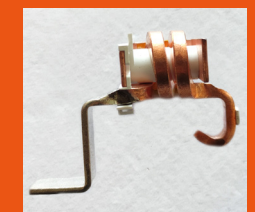
The JAMIT MCB is equipped with innovative patented structure technology for integrated solenoid outlet terminal blocks and integrated inlet terminal blocks, which reduces 3-5 welding joints compared to traditional circuit breaker solutions. The product has better stability, lower internal resistance value, lower energy consumption, and is more energy-efficient.



Bidirectional adjustment

Bimetal bidirectional adjustment

The JAMIT circuit breaker is equipped with a patented technology of a unique bimetallic bidirectional setting mechanism, which can achieve bidirectional adjustment of bimetallic sheets. Combined with JAMIT's 100% detection methods, it ensures that the circuit breaker will "break when it breaks". In addition, bidirectional tuning can eliminate the need for shell breakage during product calibration, improving efficiency and reducing the cost of shell breakage and waste.



Integrated solenoid outlet terminal block



Integrated incoming terminal strip

Product Code

M63/125/160

• Max rated current is 63A/125A/160A

M

• Normal MCB

L

• MCB with leakage protection

-T

• Intelligent MCB with the function as “switch-off when power off”

-C

• Intelligent MCB with the function as “switch-off when power off & switch-on when power on”

-F

• Intelligent MCB with function as “RS485&4G communication”

-S

• Intelligent circuit breaker with gateway transmission, DC power supply, and other Characteristics

G

• Intelligent gateway

NO.	Electricity metering	Remote switching	Temperature Detection
1	√	×	×
2	×	√	×
3	√	√	×
4	√	×	√
5	×	√	√
6	√	√	√

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Switching/Distribution Cabinet

M63M [AC]

Miniature Circuit Breaker



Certification standards

GB/T 10963.1 IEC 60898-1

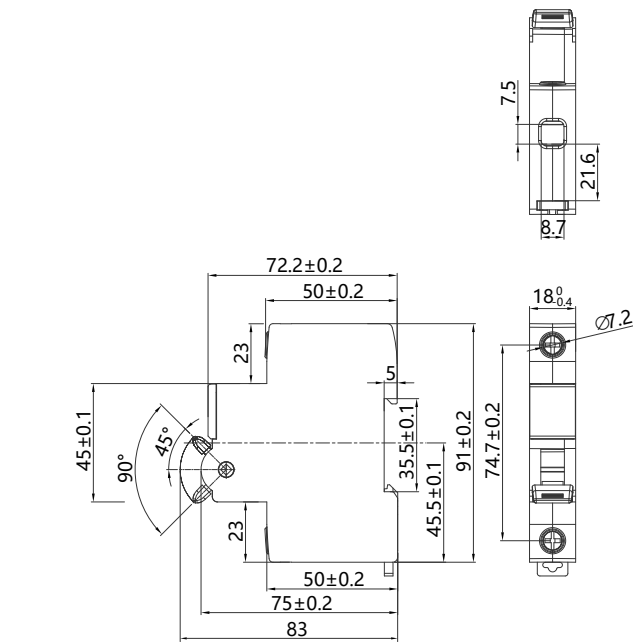
Product certification

CCC、CE、CB、UKCA

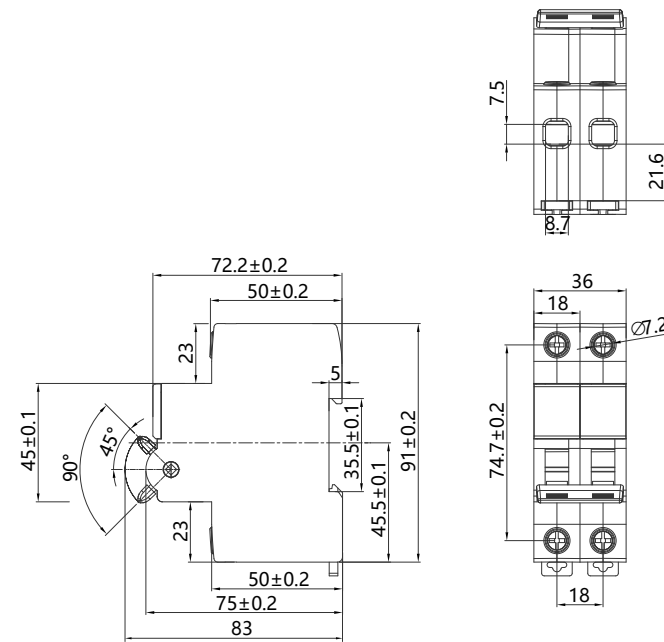
Product parameters		1P	2P	3P	4P	1P+N	3P+N
Size(mm)		18	36	54	72	36	72
Module		1 module	2 modules	3 modules	4 modules	2 modules	4 modules
Characteristics		Short circuit protection, overload protection				Short circuit protection, overload protection, N-pole with breaking capacity	
Wiring method		Without limitation				Without limitation, naught wire mark	
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63					
Rated voltage (V) Un		230/400		400		230	400
Rated insulation voltage (V) Ui		500					
Rated operating frequency (Hz)		50/60					
Rated impulse withstand voltage (V) Uimp		4000					
Rated short-circuit capacity Icn		6000					
Rated operation short-circuit breaking capacity Ics		6000					
Overvoltage category		II					
Pollution capacity		2					
Instantaneous tripping characteristics	B(3In-7In)	Yes					
	C(5In-10In)	Yes					
	D(10In-20In)	Yes					
Electric shock protection level		II					
Mechanical service life		20000					
Protection level	Circuit breaker	IP20					
	Installed in the distribution box	IP40					
Max. wiring capacity (²)		50					
Terminal maximum torque (Nm)		5					
Terminal temperature rise (1.05In)		≤ environmental temperature +40℃					

Product Size

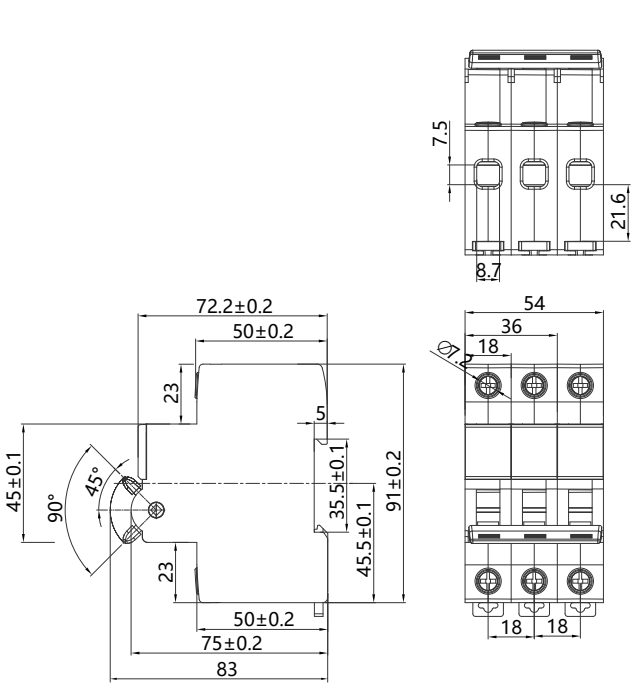
M63M 1P



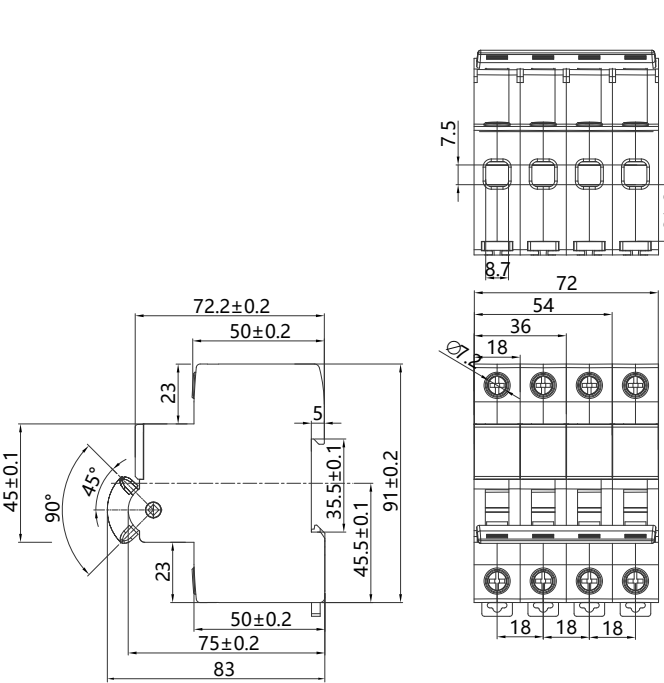
M63M 2P



M63M 3P



M63M 4P



M63M [DC]

Miniature Circuit Breaker



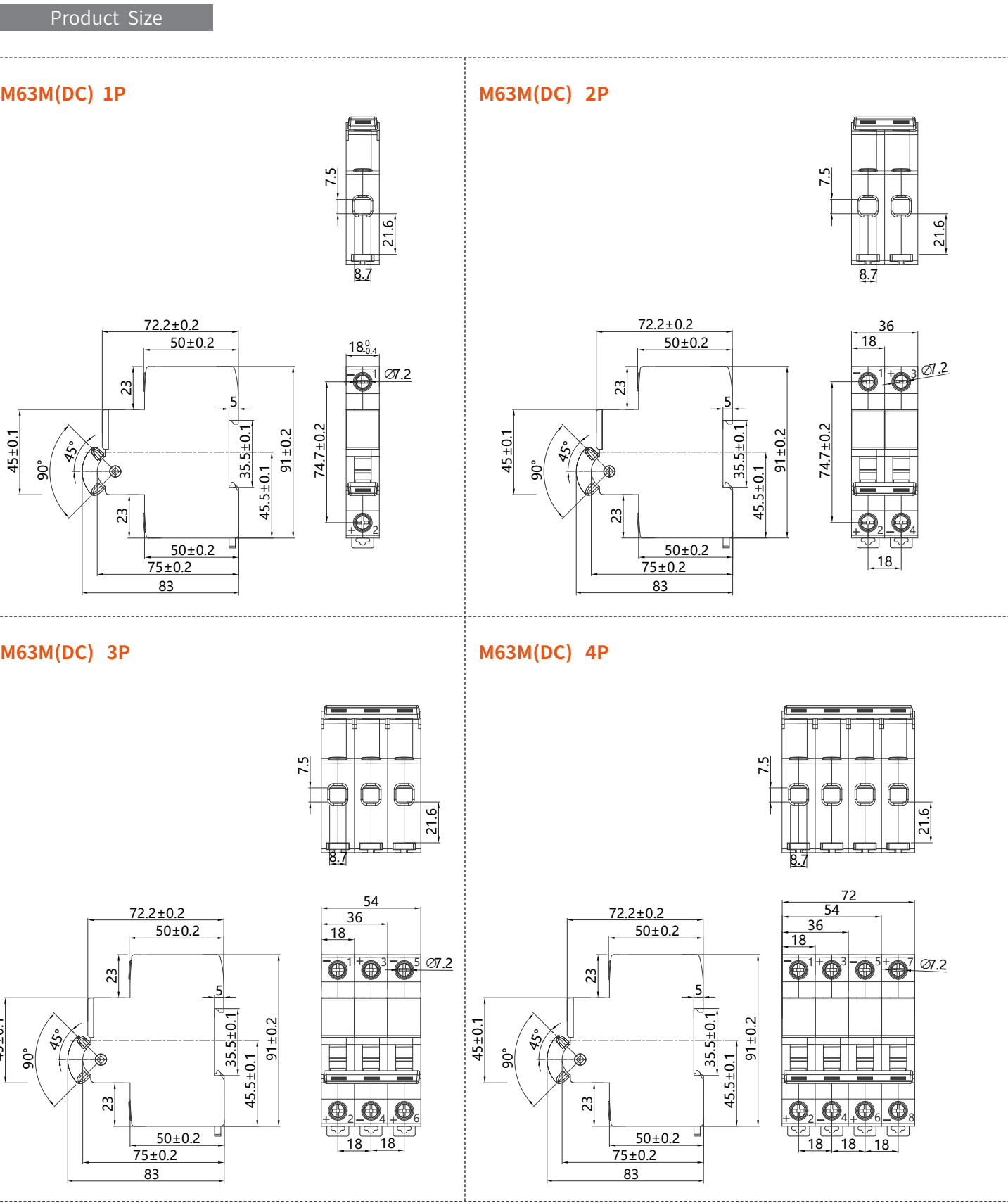
Certification standards

GB/T 14048.2 IEC 60947-2

Product certification

CCC

Product parameters		1P	2P	3P	4P
Size(mm)		18	36	54	72
Module		1modules	2modules	3modules	4modules
Characteristics		Short circuit protection, overload protection			
Wiring method		Wiring mark			
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63			
Rated voltage (V) Un		250	500	750	1000
Rated insulation voltage (V) Ui		1200			
Rated impulse withstand voltage (V) Uimp		4000			
Rated short-circuit capacity Icu		6000			
Rated operation short-circuit breaking capacity Ics		6000			
Overvoltage category		II			
Pollution capacity		2			
Instantaneous tripping characteristics	B(3In-7In)	Yes			
	C(5In-10In)	Yes			
Electric shock protection level		II			
Mechanical service life		20000			
Protection level	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		50			
Terminal maximum torque (Nm)		5			



M63H [AC]
Miniature Circuit Breaker



Product parameters		AC					
		1P	2P	3P	4P	1P+N	3P+N
Size (mm)		18	36	54	72	36	72
Module		1 Module	2 Modules	3 Modules	4 Modules	2 Modules	4 Modules
Characteristics		Short-circuit protection, overload protection				Short-circuit protection, overload protection, N-pole breaking capacity	
Wiring method		Without limitation				Without limitation, naught wire mark	
Rated current (A)		1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A					
Rated voltage (V) Un		240/440		440		240	440
Rated insulation voltage (V) Ui		500					
Rated operating frequency (Hz)		50/60					
Rated impulse withstand voltage (V) Uimp		4000					
Rated short-circuit capacity Icn		15000 (440V/1P)					
Rated operation short-circuit breaking capacity Ics		10000 (440V/1P)					
Overvoltage type		II					
Pollution capacity		2					
Instantaneous trip characteristics	B(3In-7In)	Yes					
	C(5In-10In)	Yes					
	D(10In-20In)	Yes					
Electric shock protection level		II					
Mechanical service life		20000					
Level of protection	Circuit breaker	IP20					
	Installed in the distribution box	IP40					
Max. wiring capacity (²)		50					
Terminal maximum torque (Nm)		5					

Product parameters		DC			
		1P	2P	3P	4P
Size (mm)		18	36	54	72
Module		1 Module	2 Modules	3 Modules	4 Modules
Characteristics		Short-circuit protection, overload protection			
Wiring method		Wiring mark			
Rated current (A)		1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A			
Rated voltage (V) Un		250	500	750	1000
Rated insulation voltage (V) Ui		1200			
Rated impulse withstand voltage (V) Uimp		6000			
Rated short-circuit capacity Icu		15000 (440V/1P)			
Rated operation short-circuit breaking capacity Ics		10000 (440V/1P)			
Overvoltage type		II			
Pollution capacity		2			
Instantaneous trip characteristics	B(3In-7In)	Yes			
	C(5In-10In)	Yes			
Electric shock protection level		II			
Mechanical service life		20000			
Level of protection	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		50			
Terminal maximum torque (Nm)		5			

M63H [DC]
Miniature Circuit Breaker



M63L

Earth Leakage Circuit Breaker



Certification standards

GB/T 16917.1 IEC 61009-1

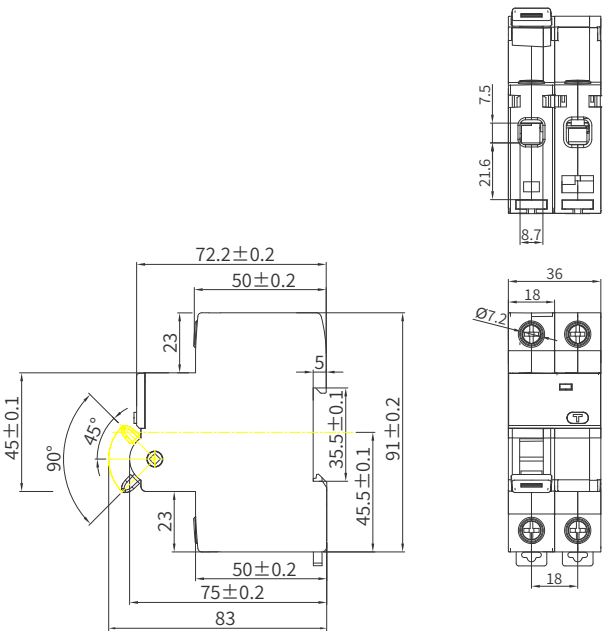
Product certification

CCC、CE、CB、KC

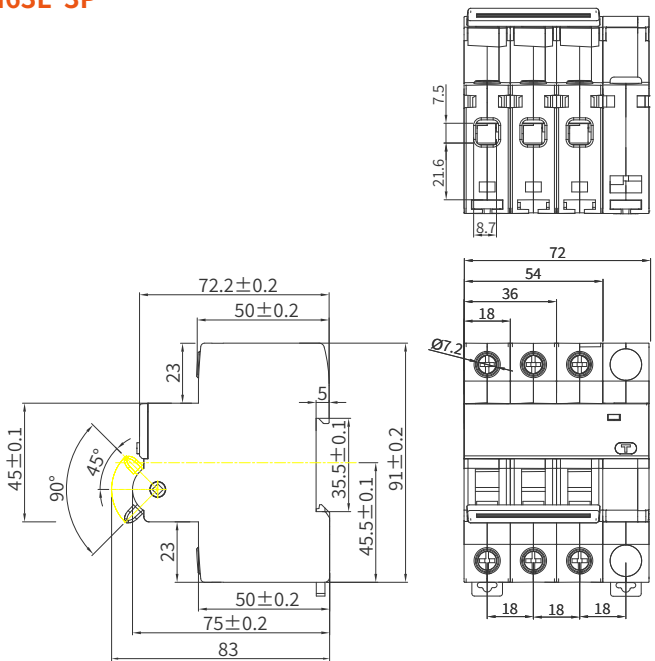
Product parameters		1P+N	3P+N	3P
Size(mm)		36	81	72
Module		2 modules	4.5 modules	4 modules
Characteristics		Short circuit protection, overload protection, leakage protection, N-pole with breaking capacity		Short circuit protection, overload protection, and leakage protection
Wiring method		Top incoming/bottom outgoing (w/wiring mark), naught wire mark		Top incoming/ bottom outgoing (w/wiring mark)
Rated current (A)		1、 2、 4、 6、 10、 16、 20、 25、 32、 40、 50、 63		
Rated leakage current (mA)		10、 30、 100、 300、 500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500	500	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated short-circuit breaking capacity Ics		6000		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical characteristics mechanical life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Maximum wiring capacity (²)		50		
Terminal ultimate torque (Nm)		5		

Product Size

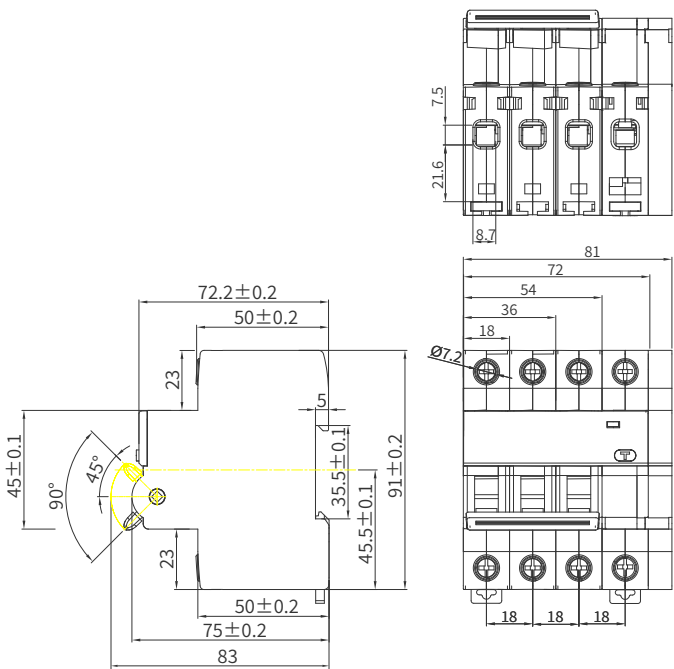
M63L 1P+N



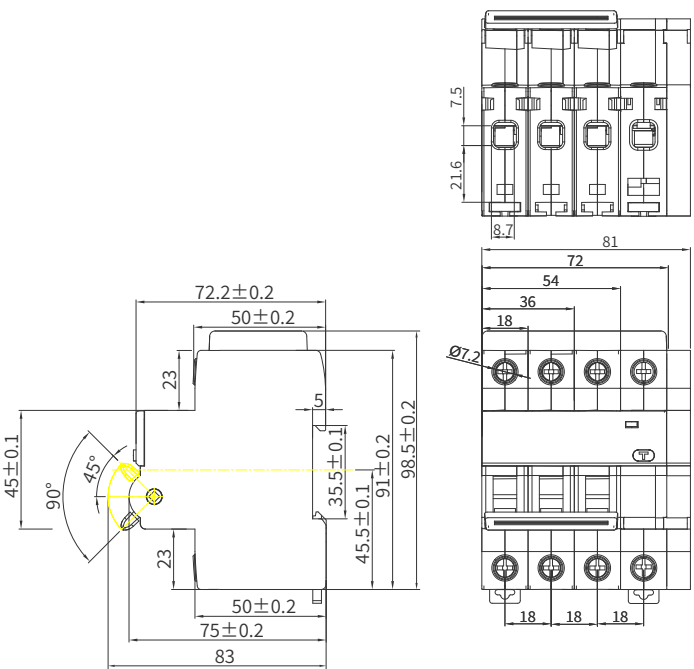
M63L 3P



M63L 3P+N [1~40A]



M63L 3P+N [50~63A]



Earth Leakage Circuit Breaker



CCC、CE、CB、KC

Product parameters		1P+N	3P+N	3P
Size(mm)		54	90	90
Module		3 modules	5 modules	5 modules
Characteristics		Short circuit protection, overload protection, leakage protection, N-pole with breaking capacity		Short circuit protection, overload protection, and leakage protection
Wiring method		Top incoming/bottom outgoing (w/wiring mark), naught wire mark		Top incoming/ bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		B type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500	500	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated short-circuit breaking capacity Ics		6000		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical characteristics mechanical life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Maximum wiring capacity (²)		50		
Terminal ultimate torque (Nm)		5		

[illegible][illegible][illegible]

M63M-T

Miniature Circuit Breaker



Product parameters		2P	3P	4P
Size(mm)		54	72	90
Module		3modules	4modules	5modules
Characteristics		Overload protection, short circuit protection, power outage and trip protection, overvoltage and undervoltage protection (optional)	Overload protection, short circuit protection, power outage and trip protection, overvoltage and undervoltage protection (optional), Phase monitoring&Phase sequence protection	
Wiring method		Top incoming/bottom outgoing (w/wiring mark)		
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500	500	
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity （²）		50		
Terminal maximum torque (Nm)		5		

Product parameters		1P+N	3P+N	3P
Size(mm)		54	99	90
Module		3modules	5.5modules	5modules
Characteristics		Overload protection, short circuit protection, leakage protection, power outage and trip protection, overvoltage and undervoltage protection (optional)	Overload protection, short circuit protection, leakage protection, power outage and trip protection, overvoltage and undervoltage protection (optional), Phase monitoring&Phase sequence protection (optional)	
Wiring method		Top incoming/bottom outgoing (w/ wiring mark), naught wire mark		Top incoming/ bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

M63L-T

Earth Leakage Circuit Breaker



M63M-C

Miniature Circuit Breaker

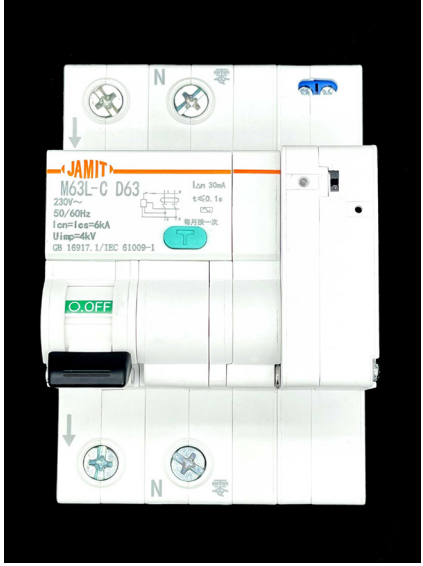


Product parameters		2P	3P	4P
Size(mm)		72	99	117
Module		4modules	5.5modules	6.5modules
Characteristics		Overload protection, short circuit protection, power outage and trip, automatic closing upon incoming call, overvoltage and undervoltage protection (optional)	Overload protection, short circuit protection, power outage and trip, automatic closing upon incoming call, overvoltage and undervoltage protection (optional), Phase monitoring&Phase sequence protection	
Wiring method		Top incoming/bottom outgoing (w/wiring mark)		
Rated current (A)		1、 2、 4、 6、 10、 16、 20、 25、 32、 40、 50、 63		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Reclosing time on power recovery		To be set as required		
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product parameterse		1P+N	3P+N	3P
Size(mm)		72	126	117
Module		4modules	7modules	6.5modules
Characteristics		Overload protection, short-circuit protection, leakage protection, power outage trip, automatic reclosing on power recovery, overvoltage/undervoltage protection (optional)	Overload protection, short-circuit protection, leakage protection, power outage trip, automatic reclosing on power recovery, overvoltage/undervoltage protection (optional), Phase monitoring & phase sequence protection (optional)	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), naught wire mark		Top incoming/ bottom outgoing (w/wiring mark)
Rated current (A)		1、 2、 4、 6、 10、 16、 20、 25、 32、 40、 50、 63		
Rated leakage current (mA)		10、 30、 100、 300、 500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage trip		Optional configuration		
Phase monitoring		/	Optional configuration	
Phase sequence protection		/	Optional configuration	
Reclosing time on power recovery		To be set as required		
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated short-circuit breaking capacity Ics		6000		
Overvoltage type		II		
Pollution capacity		2		
Instantaneous trip characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

M63L-C

Earth Leakage Circuit Breaker



MONOMODAL

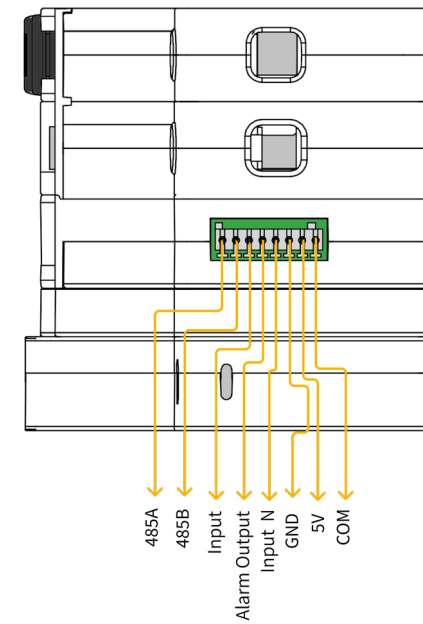
Intelligent Circuit Breaker

M63M-F series、M63L-F series

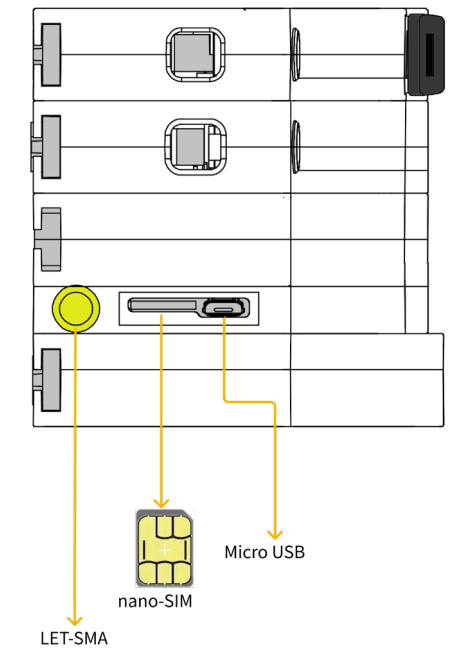


Wiring Diagram

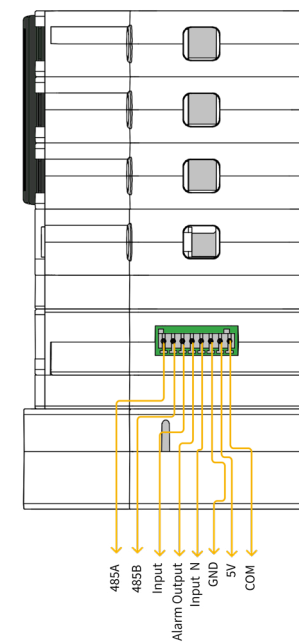
Single-phase top port



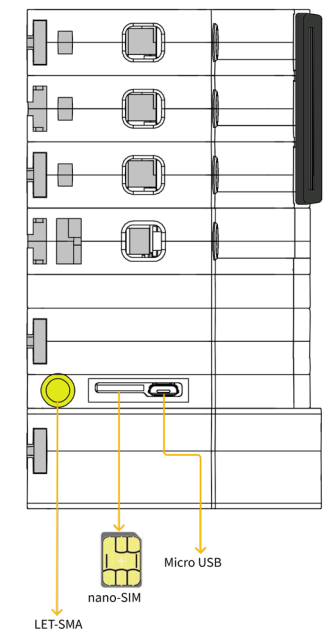
Single-phase lower port



Three-phase top port



Three-phase lower port



M63M-F1

Intelligent Circuit Breaker



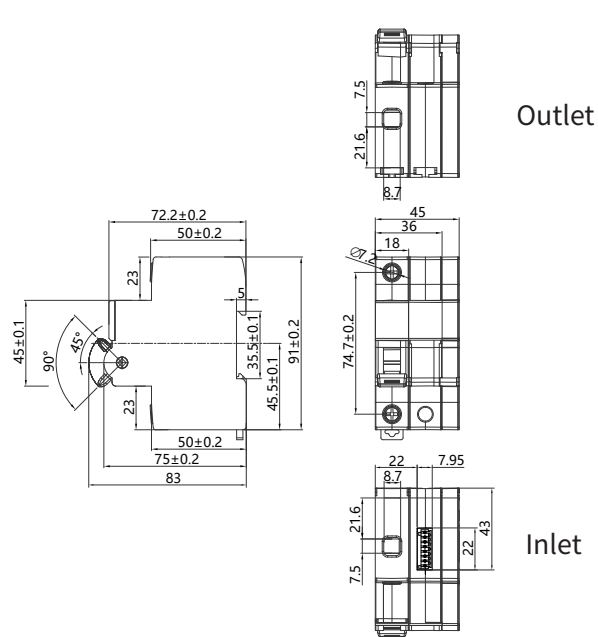
Intelligent Characteristics

Power Metering function

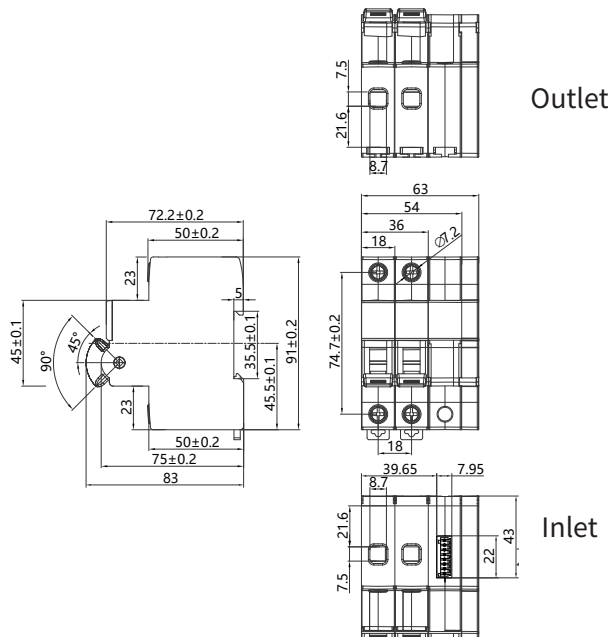
Product parameters		1P	2P	3P	4P
Size(mm)		45	63	81	99
Module		2.5modules	3.5modules	4.5modules	5.5modules
Characteristics		Overload protection, short circuit protection, energy metering, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission		Overload protection, short circuit protection, energy metering, overvoltage and undervoltage protection (optional), phase loss protection (optional), power outage and trip (optional), line sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark	Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63			
Rated voltage (V) Un		230		400	
Rated insulation voltage (V) Ui		500			
Overvoltage (V) Uve (optional)		275±5V		460±5V	
Undervoltage (V) Uoe (optional)		165±5V		290±5V	
Power outage and trip		Optional configuration			
Phase monitoring		/		Optional configuration	
Phase sequence protection		/		Optional configuration	
Rated operating frequency (Hz)		50/60			
Rated impulse withstand voltage (V) Uimp		4000			
Rated short-circuit capacity Icn		6000			
Rated operation short-circuit breaking capacity Ics		6000			
Measurement accuracy		±0.5%			
Transmission type		RS485&4G			
Overvoltage category		II			
Pollution capacity		2			
Instantaneous tripping characteristics	B(3In-5In)	Yes			
	C(5In-10In)	Yes			
	D(10In-20In)	Yes			
Electric shock protection level		II			
Mechanical service life		20000			
Protection level	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		50			
Terminal ultimate torque (Nm)		5			

Product Size

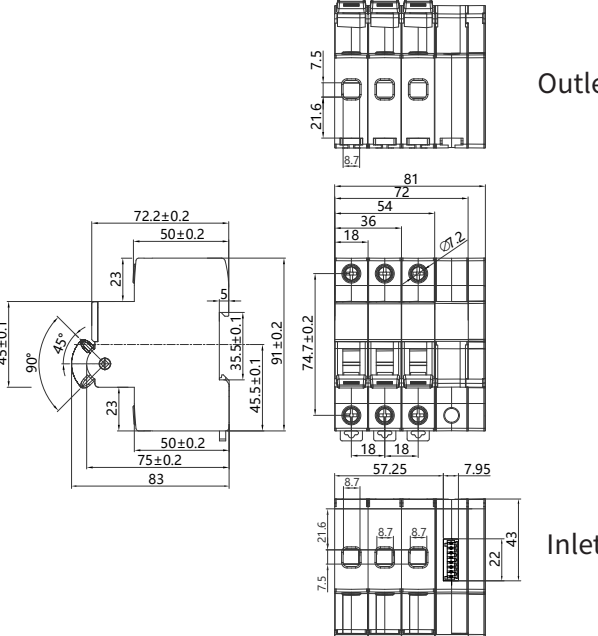
M63M-F1 1P



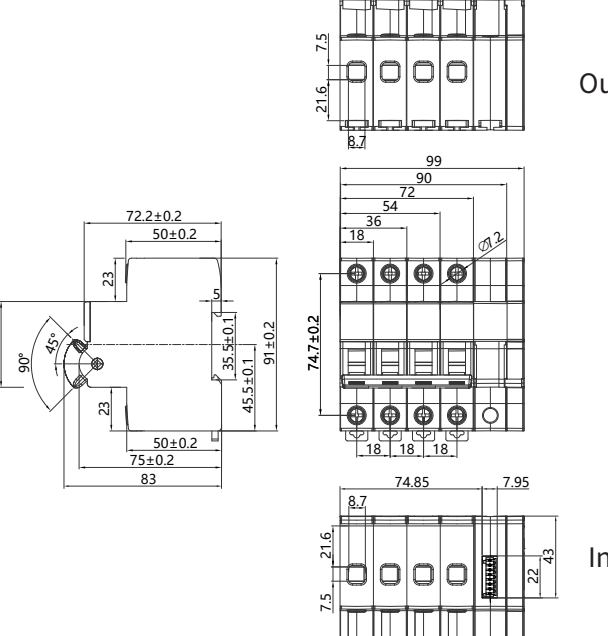
M63M-F1 2P



M63M-F1 3P



M63M-F1 4P



M63M-F2

Intelligent Circuit Breaker



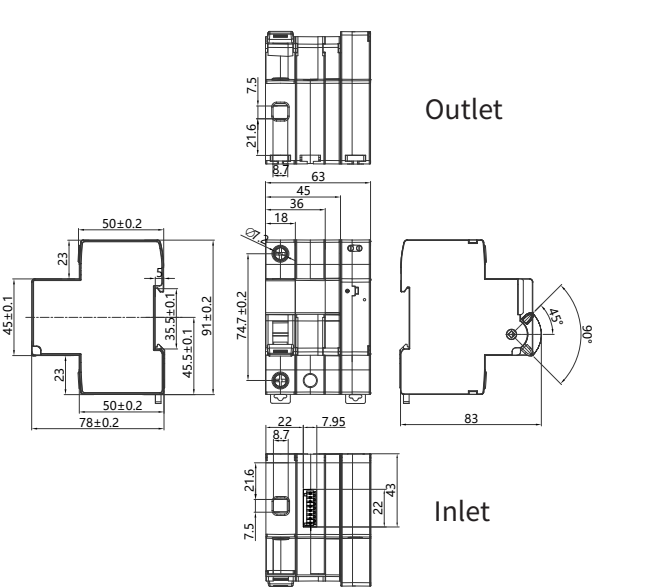
Intelligent Characteristics

Remote Switching and Closing Function

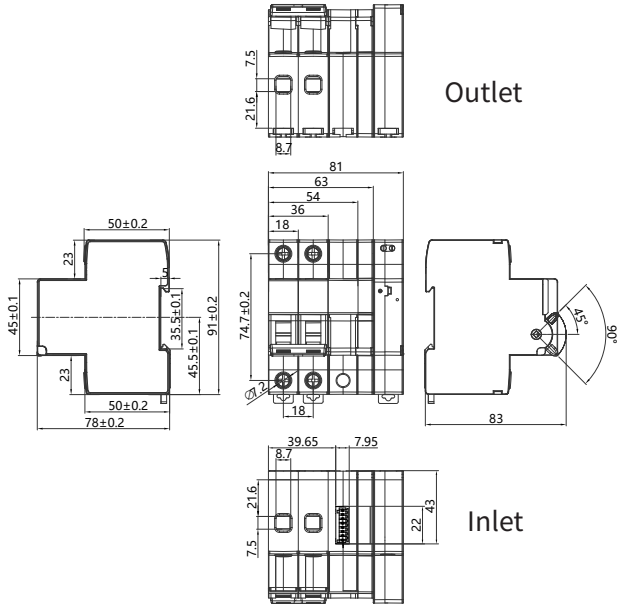
Product parameters		1P	2P	3P	4P
Size(mm)		63	81	126	126
Module		3.5modules	4.5modules	7modules	7modules
Characteristics		Overload protection, short circuit protection, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission		Overload protection, short circuit protection, remote opening and closing, overvoltage and undervoltage protection (optional), phase loss protection (optional), power outage and trip (optional), line sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark	Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63			
Rated voltage (V) Un		230		400	
Rated insulation voltage (V) Ui		500			
Overvoltage (V) Uve (optional)		275±5V		460±5V	
Undervoltage (V) Uoe (optional)		165±5V		290±5V	
Power outage and trip		Optional configuration			
Phase monitoring		/		Optional configuration	
Phase sequence protection		/		Optional configuration	
Rated operating frequency (Hz)		50/60			
Rated impulse withstand voltage (V) Uimp		4000			
Rated short-circuit capacity Icn		6000			
Rated operation short-circuit breaking capacity Ics		6000			
Transmission type		RS485&4G			
Overvoltage category		II			
Pollution capacity		2			
Instantaneous tripping characteristics	B(3In-5In)	Yes			
	C(5In-10In)	Yes			
	D(10In-20In)	Yes			
Electric shock protection level		II			
Electrical life	Rated current(Times)	4000			
	Remote opening and closing(Times)	15000		10000	
Mechanical service life		20000			
Protection level	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		50			
Terminal ultimate torque (Nm)		5			

Product Size

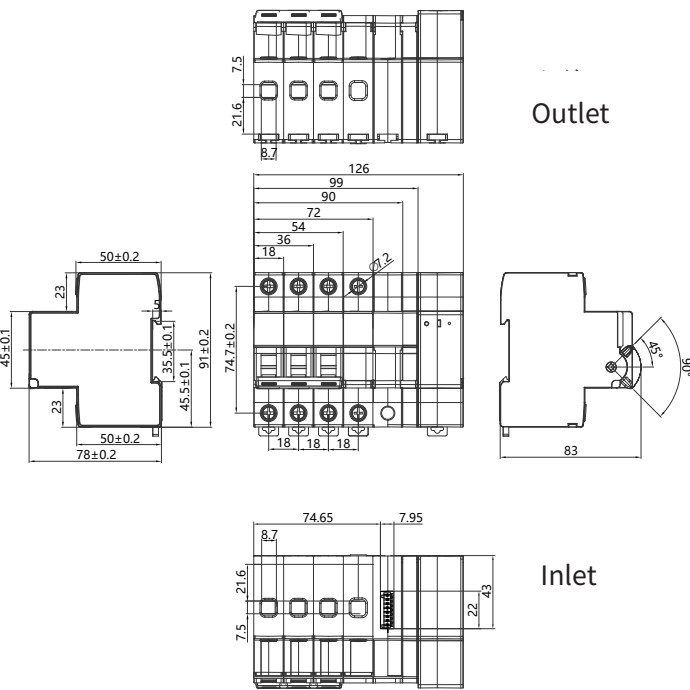
M63M-F2 1P



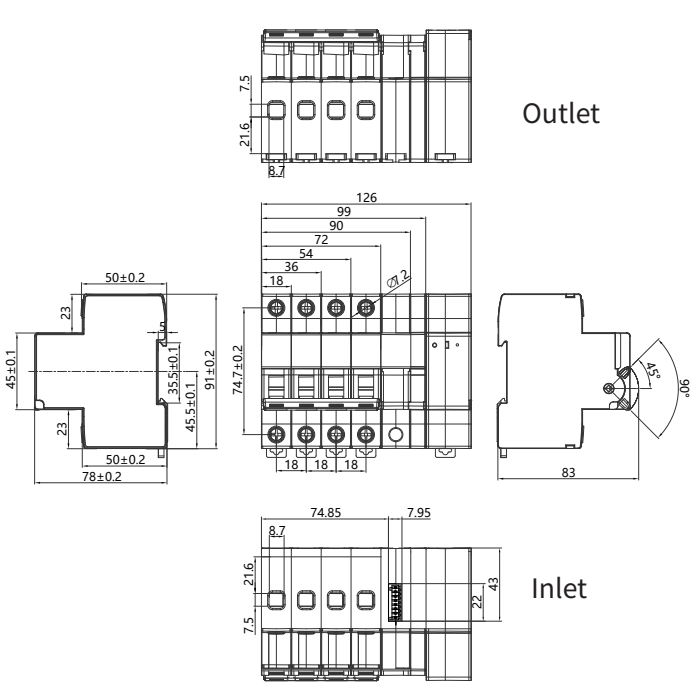
M63M-F2 2P



M63M-F2 3P



M63M-F2 4P



M63M-F3

Intelligent Circuit Breaker



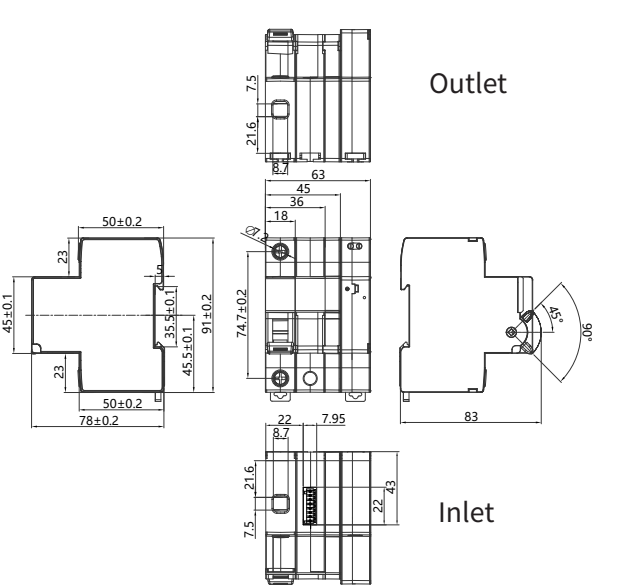
Intelligent Characteristics

Power Metering, Remote Switching and Closing Characteristics

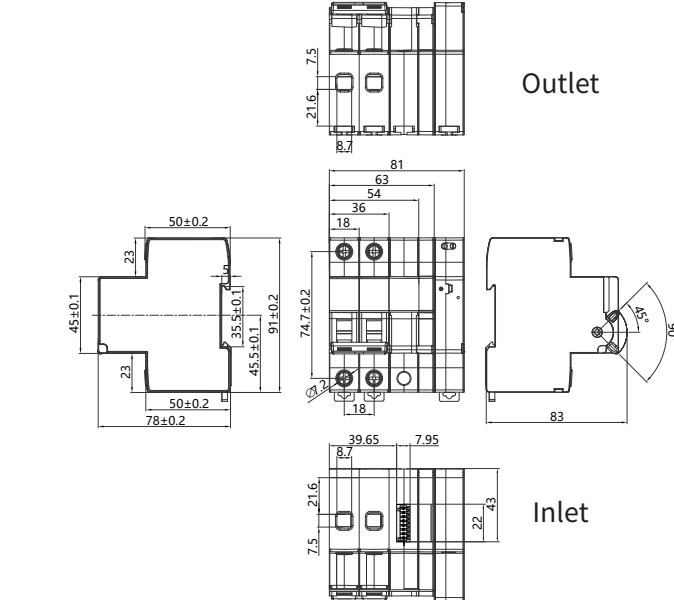
Product parameters		1P	2P	3P	4P
Size(mm)		63	81	126	
Module		3.5modules	3.5modules	7modules	
Characteristics		Overload protection, short circuit protection, energy metering, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission		Overload protection, short circuit protection, energy metering, remote opening and closing, overvoltage and undervoltage protection (optional), phase loss protection (optional), power outage and trip (optional), line sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark	Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark
Rated current (A)		1、 2、 4、 6、 10、 16、 20、 25、 32、 40、 50、 63			
Rated voltage (V) Un		230		400	
Rated insulation voltage (V) Ui		500			
Overvoltage (V) Uve (optional)		275±5V		460±5V	
Undervoltage (V) Uoe (optional)		165±5V		290±5V	
Power outage and trip		Optional configuration			
Phase monitoring		/		Optional configuration	
Phase sequence protection		/		Optional configuration	
Rated operating frequency (Hz)		50/60			
Rated impulse withstand voltage (V) Uimp		4000			
Rated short-circuit capacity Icn		6000			
Rated operation short-circuit breaking capacity Ics		6000			
Measurement accuracy		±0.5%			
Transmission type		RS485&4G			
Overvoltage category		II			
Pollution capacity		2			
Instantaneous tripping characteristics	B(3In-5In)	Yes			
	C(5In-10In)	Yes			
	D(10In-20In)	Yes			
Electric shock protection level		II			
Electrical life	Rated current(Times)	4000			
	Remote opening and closing(Times)	15000		10000	
Mechanical service life		20000			
Protection level	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (^2)		50			
Terminal ultimate torque (Nm)		5			

Product Size

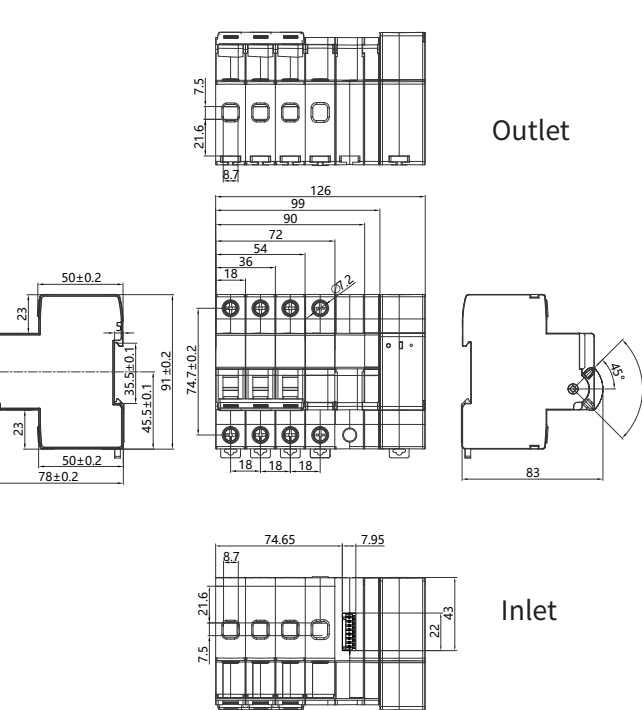
M63M-F3 1P



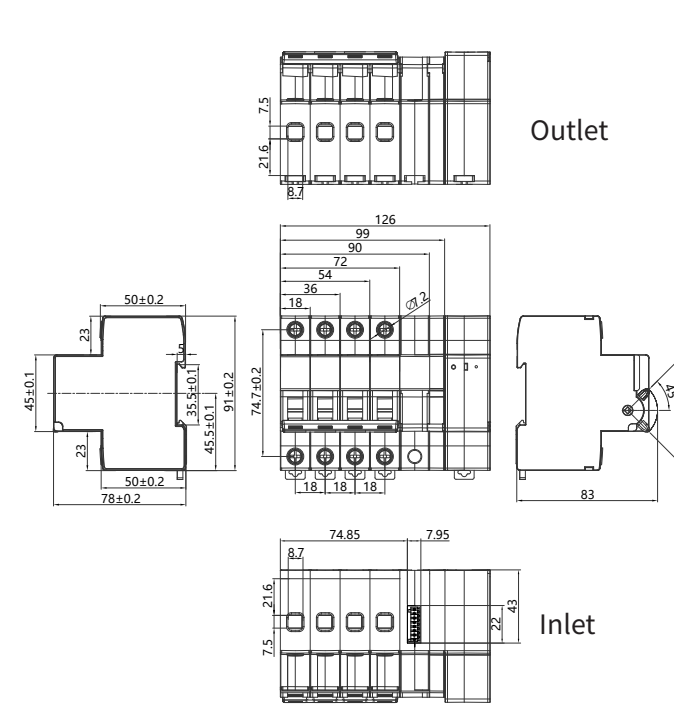
M63M-F3 2P



M63M-F3 3P



M63M-F3 4P



M63M-F4

Intelligent Circuit Breaker



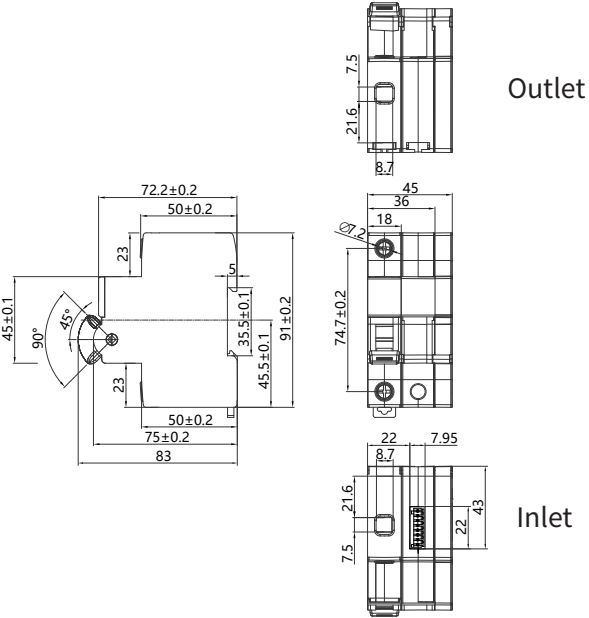
Intelligent Characteristics

Power Metering and Temperature Detection Characteristics

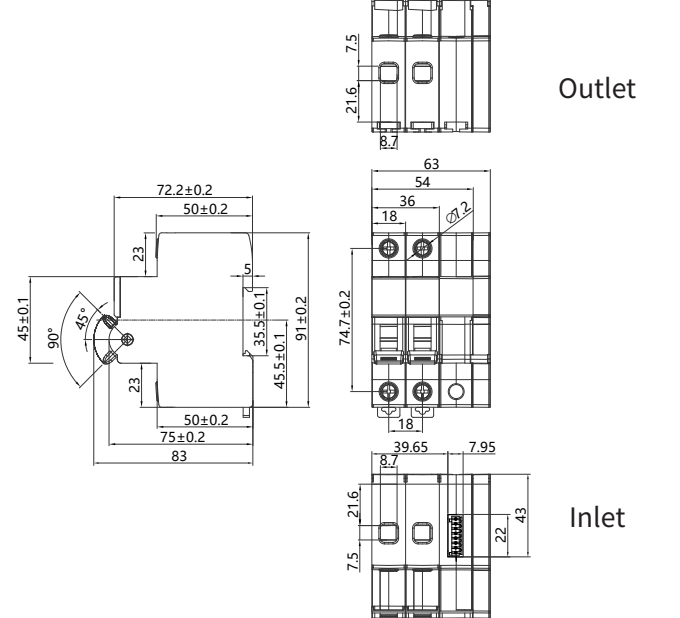
Product parameters		1P	2P	3P	4P
Size(mm)		45	63	99	99
Module		2.5modules	3.5modules	5.5modules	5.5modules
Characteristics		Overload protection, short circuit protection, energy metering, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission		Overload protection, short circuit protection, energy metering, temperature detection, overvoltage and undervoltage protection (optional), phase loss protection (optional), power outage and trip (optional), line sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark	Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63			
Rated voltage (V) Un		230		400	
Rated insulation voltage (V) Ui		500			
Overvoltage (V) Uve (optional)		275±5V		460±5V	
Undervoltage (V) Uoe (optional)		165±5V		290±5V	
Power outage and trip		Optional configuration			
Phase monitoring		/		Optional configuration	
Phase sequence protection		/		Optional configuration	
Rated operating frequency (Hz)		50/60			
Rated impulse withstand voltage (V) Uimp		4000			
Rated short-circuit capacity Icn		6000			
Rated operation short-circuit breaking capacity Ics		6000			
Measurement accuracy		±0.5%			
Transmission type		RS485&4G			
Temperature detection range(℃)		-20 ~ 150			
Overvoltage category		II			
Pollution capacity		2			
Instantaneous tripping characteristics	B(3In-5In)	Yes			
	C(5In-10In)	Yes			
	D(10In-20In)	Yes			
Electric shock protection level		II			
Electrical life Rated current(Times)		4000			
Mechanical service life		20000			
Protection level	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		50			
Terminal ultimate torque (Nm)		5			

Product Size

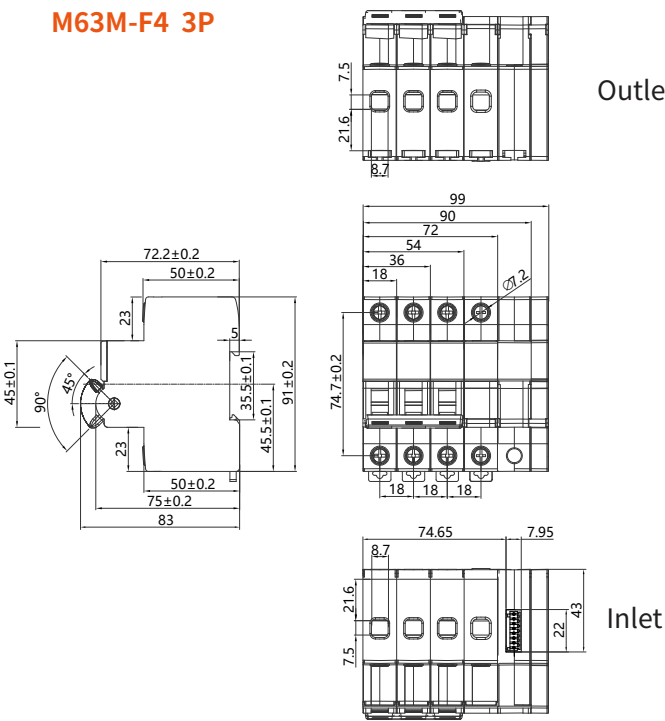
M63M-F4 1P



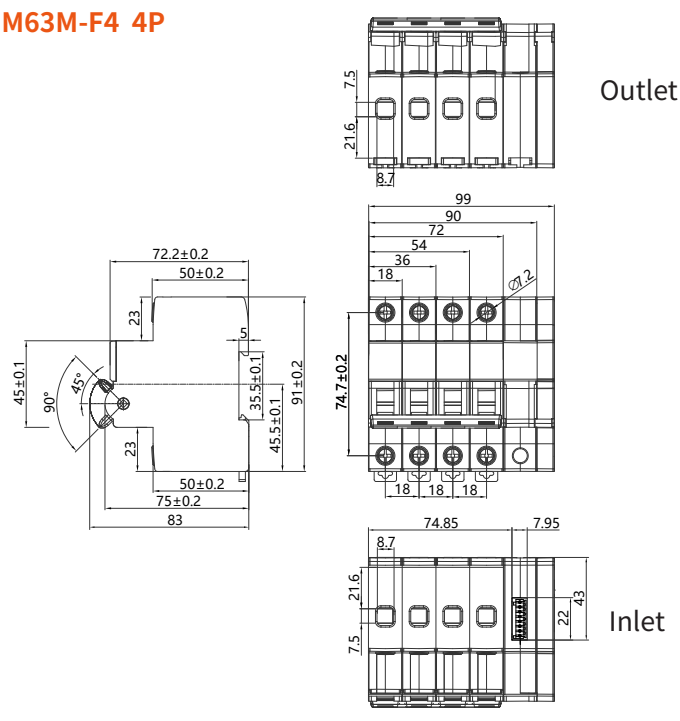
M63M-F4 2P



M63M-F4 3P



M63M-F4 4P



M63M-F5

Intelligent Circuit Breaker



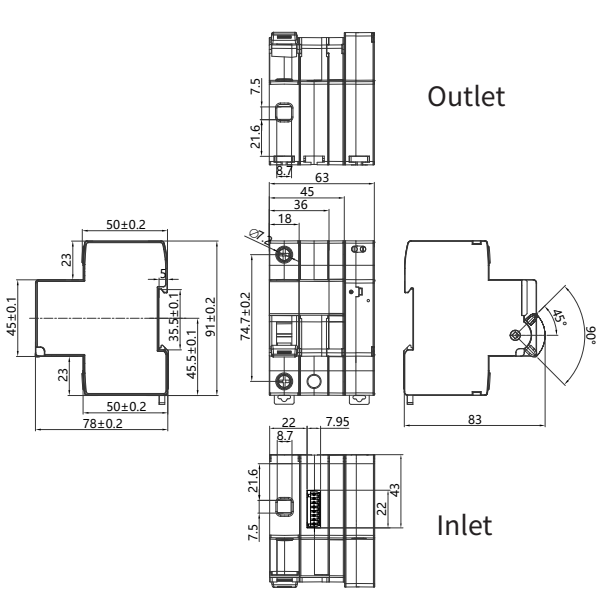
Intelligent Characteristics

Remote Switching and Closing,
Temperature Detection
Characteristics

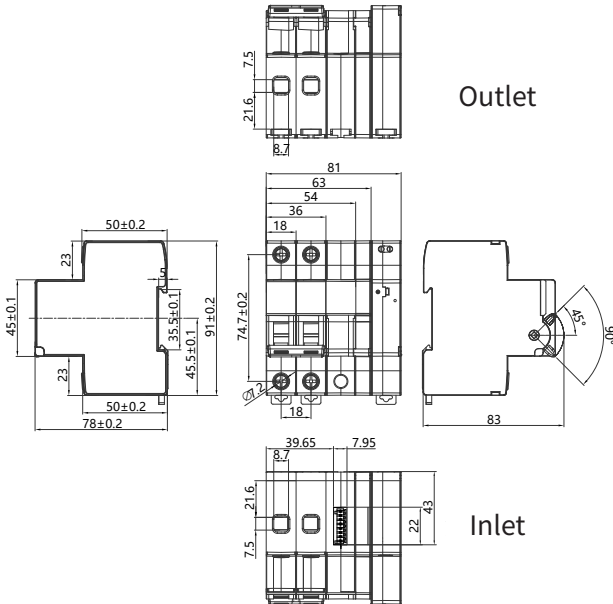
Product parameters		1P	2P	3P	4P
Size(mm)		63	81	126	
Module		3.5modules	4.5modules	7modules	
Characteristics		Overload protection, short circuit protection, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), power outage and tripping (optional), RS485&4G data transmission		Overload protection, short circuit protection, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), phase loss protection (optional), power outage and tripping (optional), line sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark	Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63			
Rated voltage (V) Un		230		400	
Rated insulation voltage (V) Ui		500			
Overvoltage (V) Uve (optional)		275±5V		460±5V	
Undervoltage (V) Uoe (optional)		165±5V		290±5V	
Power outage and trip		Optional configuration			
Phase monitoring		/		Optional configuration	
Phase sequence protection		/		Optional configuration	
Rated operating frequency (Hz)		50/60			
Rated impulse withstand voltage (V) Uimp		4000			
Rated short-circuit capacity Icn		6000			
Rated operation short-circuit breaking capacity Ics		6000			
Transmission type		RS485&4G			
Temperature detection range(℃)		-20 ~ 150			
Overvoltage category		II			
Pollution capacity		2			
Instantaneous tripping characteristics	B(3In-5In)	Yes			
	C(5In-10In)	Yes			
	D(10In-20In)	Yes			
Electric shock protection level		II			
Electrical life	Rated current(Times)	4000			
	Remote opening and closing(Times)	15000		10000	
Mechanical service life		20000			
Protection level	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		50			
Terminal ultimate torque (Nm)		5			

Product Size

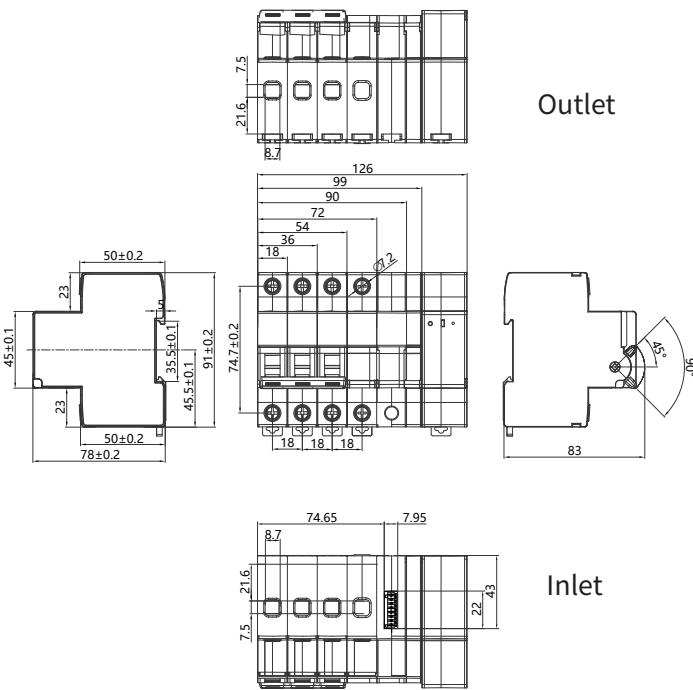
M63M-F5 1P



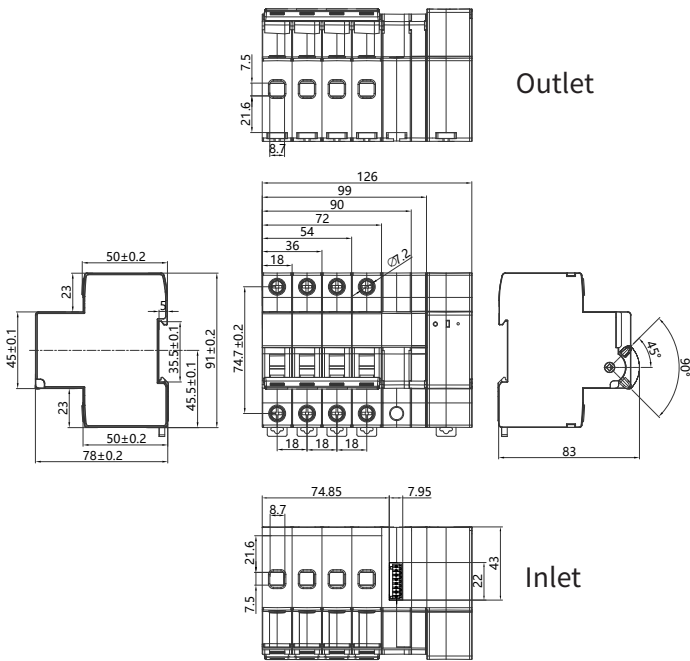
M63M-F5 2P



M63M-F5 3P



M63M-F5 4P



M63M-F6

Intelligent Circuit Breaker



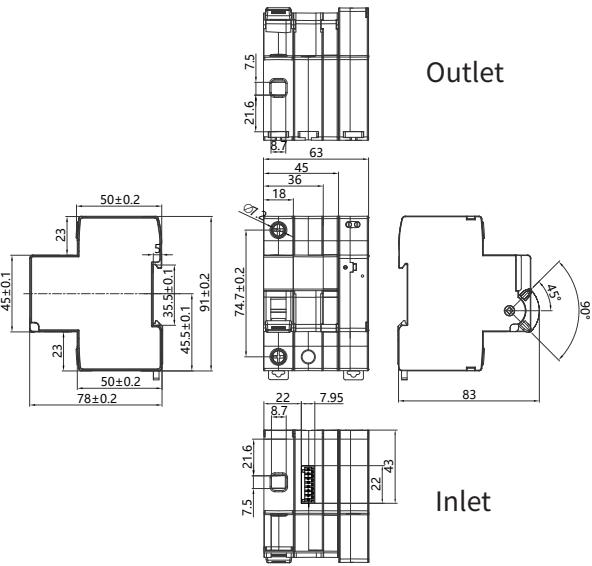
Intelligent Characteristics

Power Metering, Remote Switching and Closing, Temperature Detection Characteristics

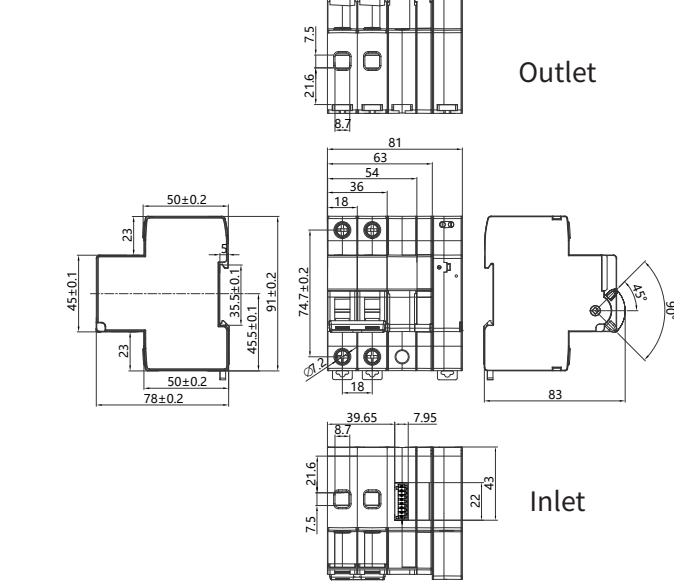
Product parameters		1P	2P	3P	4P
Size(mm)		63	81	126	
Module		3.5modules	4.5modules	7modules	
Characteristics		Overload protection, short circuit protection, energy metering, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission		Overload protection, short circuit protection, electric energy metering, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), phase loss protection (optional), power outage and tripping (optional), line sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/ wiring mark), naught wire mark	Top incoming/ bottom outgoing (w/wiring mark)	Top incoming/ bottom outgoing (w/wiring mark), naught wire mark
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63			
Rated voltage (V) Un		230		400	
Rated insulation voltage (V) Ui		500			
Overvoltage (V) Uve (optional)		275±5V		460±5V	
Undervoltage (V) Uoe (optional)		165±5V		290±5V	
Power outage and trip		Optional configuration			
Phase monitoring		/		Optional configuration	
Phase sequence protection		/		Optional configuration	
Rated operating frequency (Hz)		50/60			
Rated impulse withstand voltage (V) Uimp		4000			
Rated short-circuit capacity Icn		6000			
Rated operation short-circuit breaking capacity Ics		6000			
Measurement accuracy		±0.5%			
Transmission type		RS485&4G			
Temperature detection range(℃)		-20 ~ 150			
Overvoltage category		II			
Pollution capacity		2			
Instantaneous tripping characteristics	B(3In-5In)	Yes			
	C(5In-10In)	Yes			
	D(10In-20In)	Yes			
Electric shock protection level		II			
Electrical life	Rated current(Times)	4000			
	Remote opening and closing(Times)	15000		10000	
Mechanical service life		20000			
Protection level	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (^2)		50			
Terminal ultimate torque (Nm)		5			

Product Size

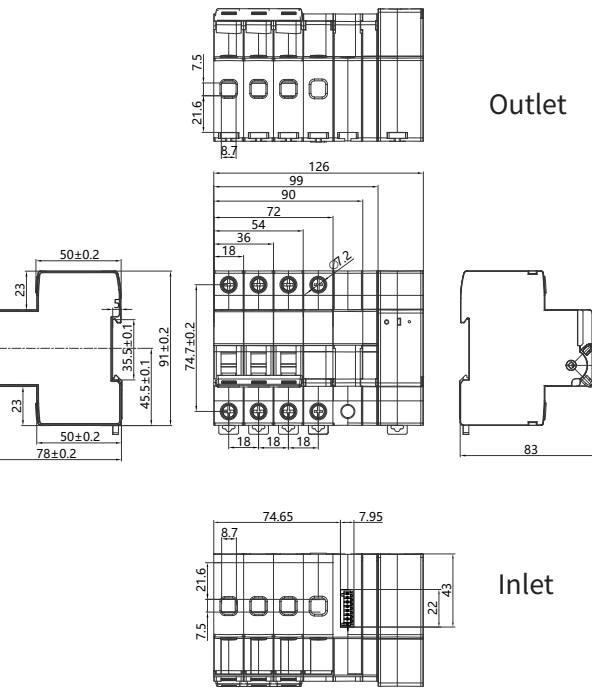
M63M-F6 1P



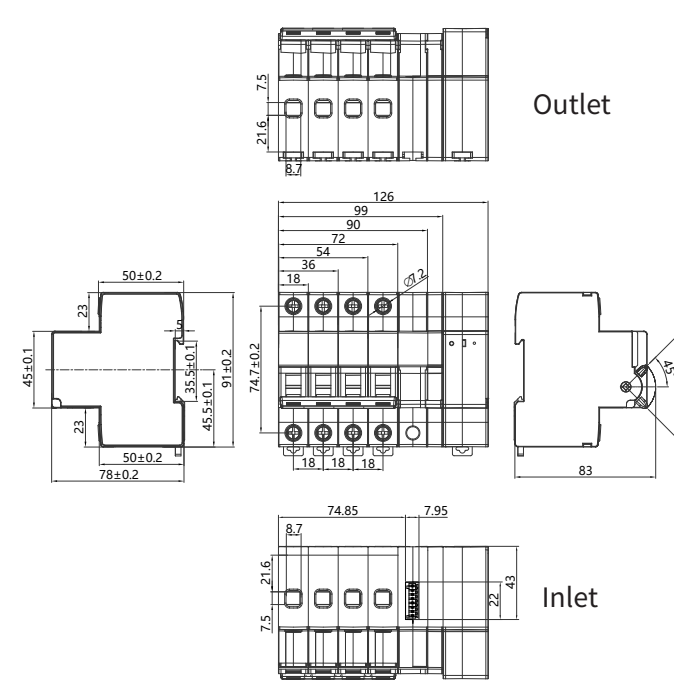
M63M-F6 2P



M63M-F6 3P



M63M-F6 4P



M63L-F1

Intelligent **Earth Leakage** Circuit Breaker



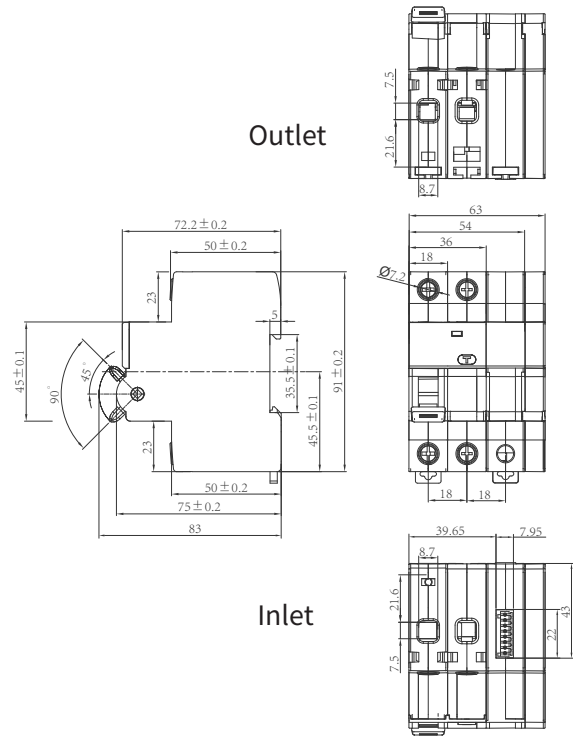
Intelligent Characteristics

Intelligent earth leakage Circuit Breaker with Power Metering Characteristics

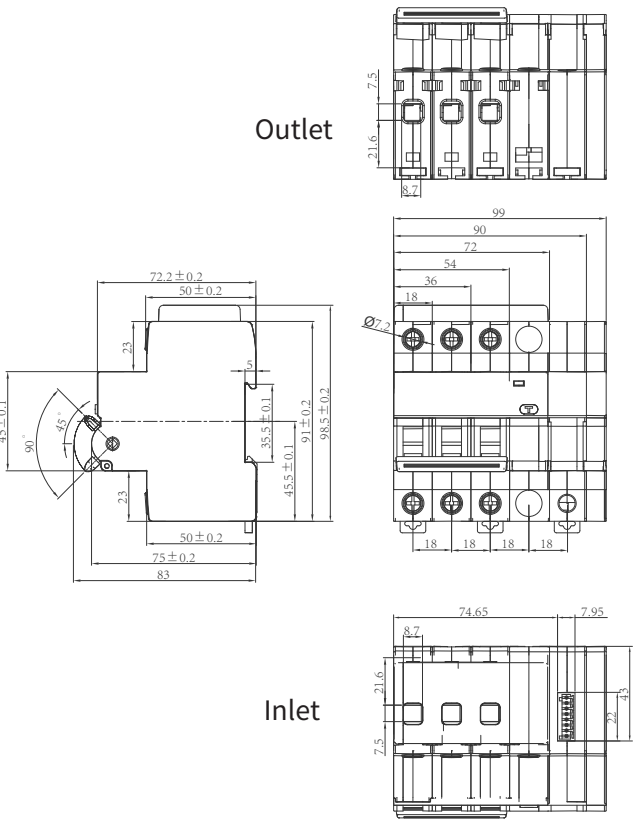
Product parameters		1P+N	3P+N	3P
Size(mm)		63	99	99
Module		3.5 modules	5.5 modules	5.5 modules
Characteristics		Overload protection, short circuit protection, leakage protection, energy metering, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission	Overload protection, short circuit protection, leakage protection, energy metering, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/bottom outgoing (w/ wiring mark), zero line markings		Top incoming/ bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Transmission type		RS485&4G		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

M63L-F1 1P+N



M63L-F1 3P/3P+N



M63L-F2

Intelligent **Earth Leakage** Circuit Breaker



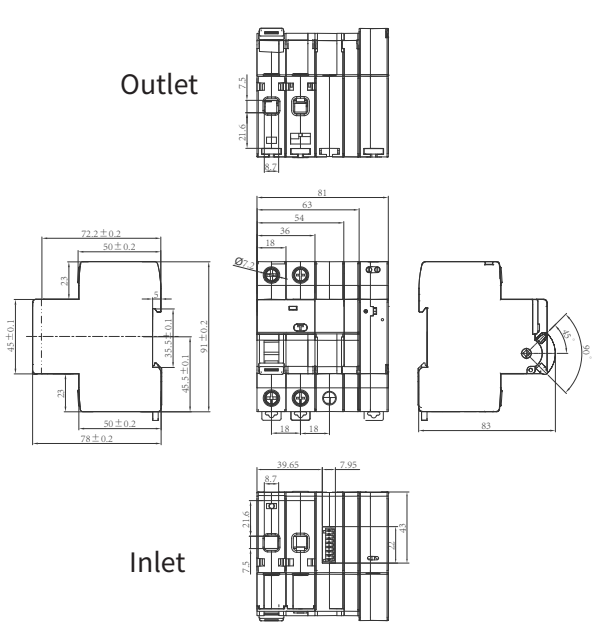
Intelligent Characteristics

Intelligent earth leakage Circuit Breaker with Remote Switching and Closing Characteristics

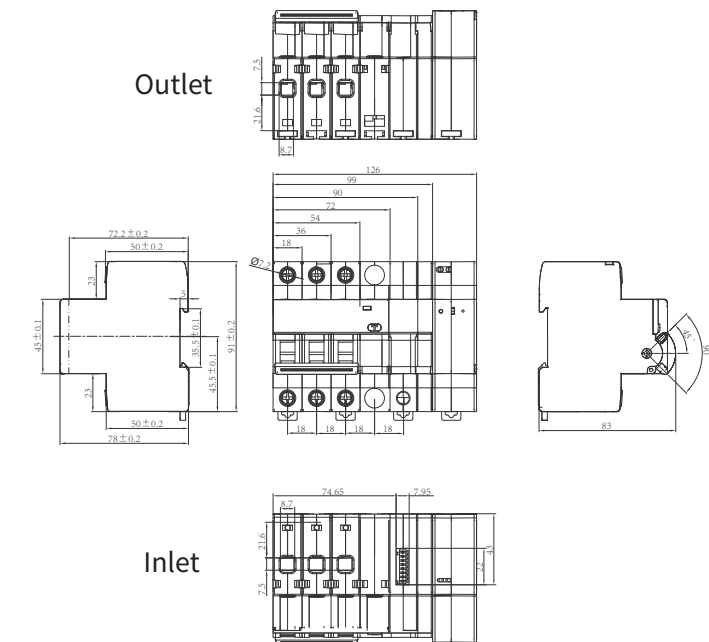
Product parameters		1P+N	3P+N	3P
Size(mm)		81	135	126
Module		4.5modules	7.5modules	7modules
Characteristics		Overload protection, short circuit protection, leakage protection, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and tripping (optional), RS485&4G data transmission	Overload protection, short circuit protection, leakage protection, remote opening and closing, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/bottom outgoing (w/ wiring mark), zero line markings		Top incoming/ bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Transmission type		RS485&4G		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	10000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

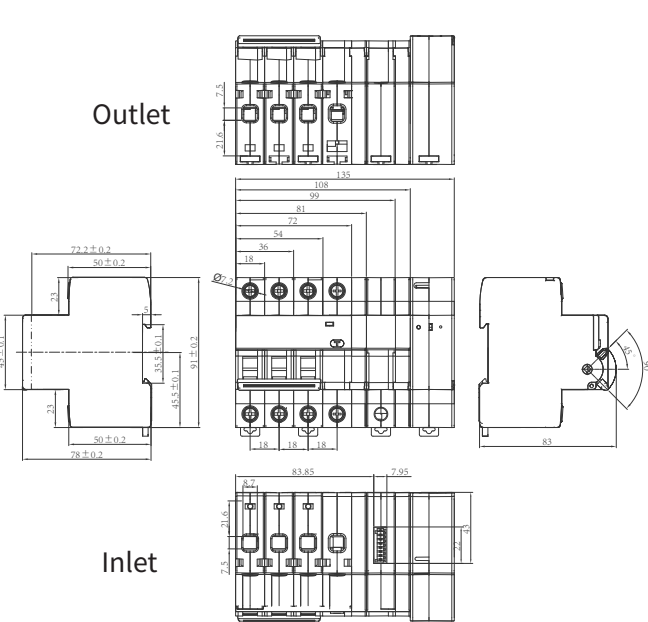
M63L-F2 1P+N



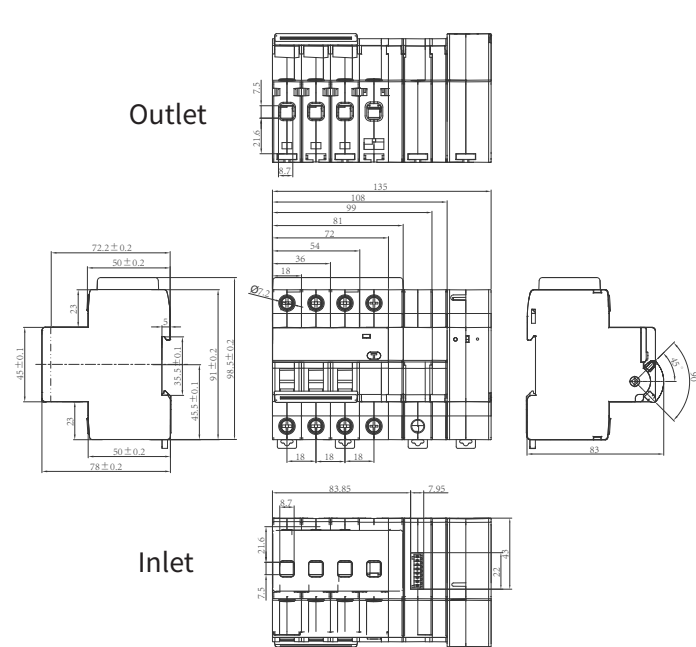
M63L-F2 3P



M63L-F2 3P+N [1~40A]



M63L-F2 3P+N [50~63A]



M63L-F3

Intelligent **Earth Leakage** Circuit Breaker



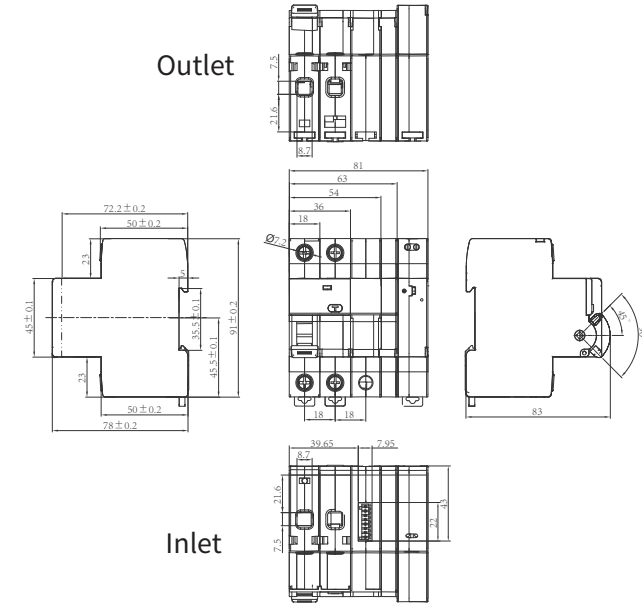
Intelligent Characteristics

Intelligent earth leakage Circuit Breaker with Power Metering, Remote Switching and Closing Characteristics

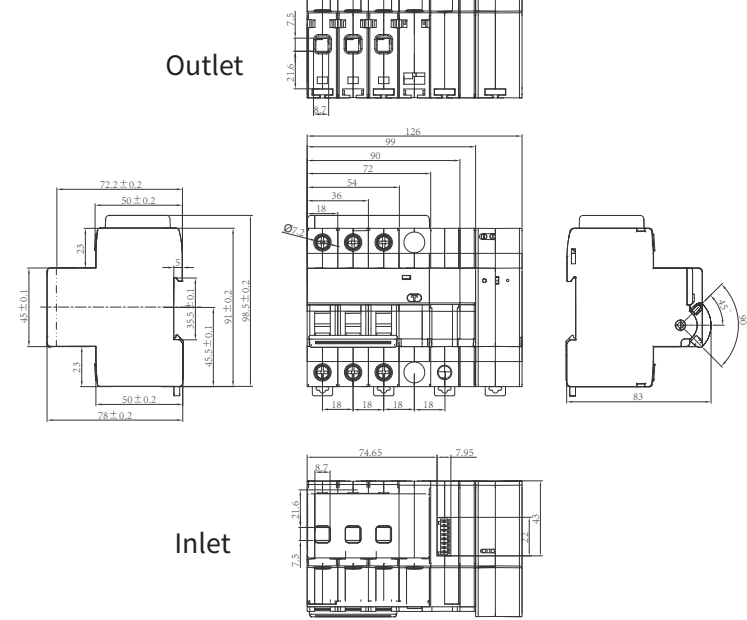
Product parameters		1P+N	3P+N	3P
Size(mm)		81	135	126
Module		4.5modules	7.5modules	7modules
Characteristics		Overload protection, short circuit protection, leakage protection, energy metering, remote opening and closing, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip protection (optional), Phase sequence protection (optional), RS485&4G data transmission		
Wiring method		Top incoming/bottom outgoing (w/ wiring mark), zero line markings		Top incoming/ bottom outgoing (w/ wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Transmission type		RS485&4G		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	10000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

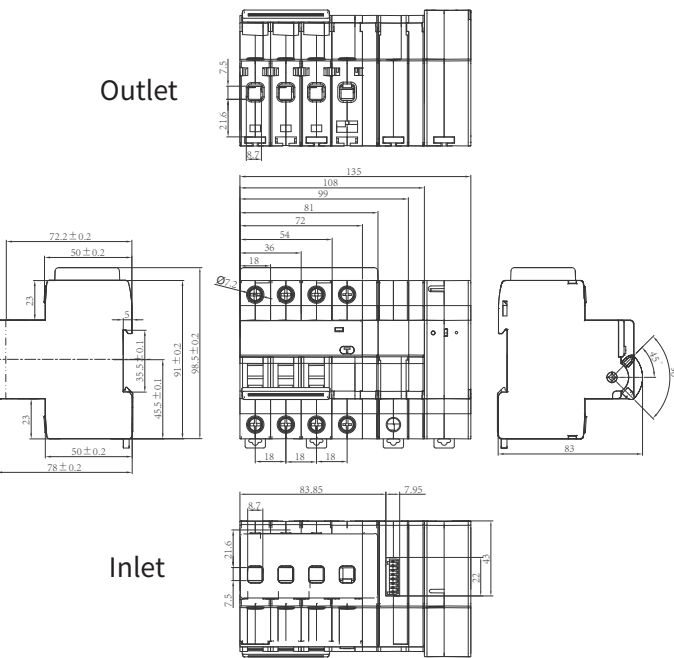
M63L-F3 1P+N



M63L-F3 3P



M63L-F3 3P+N



M63L-F4

Intelligent Earth Leakage Circuit Breaker



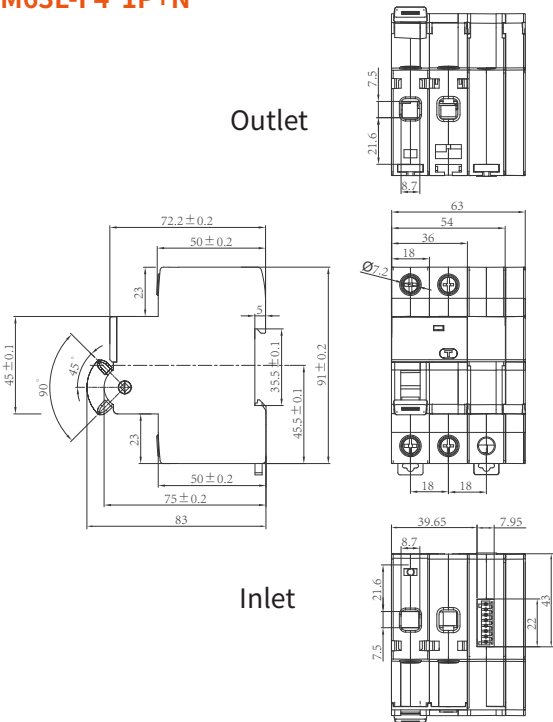
Intelligent Characteristics

Intelligent earth leakage
Circuit Breaker with Power
Metering, Temperature Detection
Characteristics

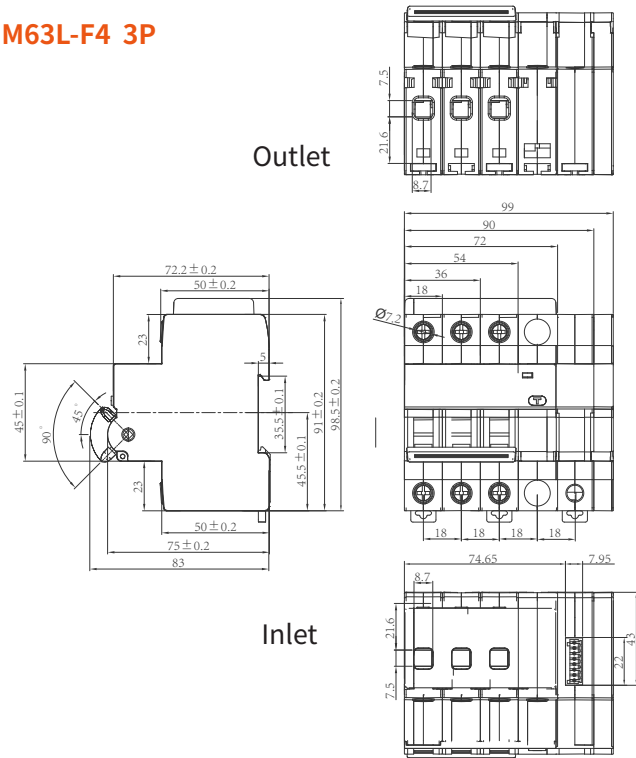
Product parameters		1P+N	3P+N	3P
Size(mm)		63	108	99
Module		3.5modules	6modules	5.5modules
Characteristics		Overload protection, short circuit protection, leakage protection, energy metering, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission	Overload protection, short circuit protection, leakage protection, energy metering, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip protection (optional), Phase sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/bottom outgoing (w/ wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Transmission type		RS485&4G		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

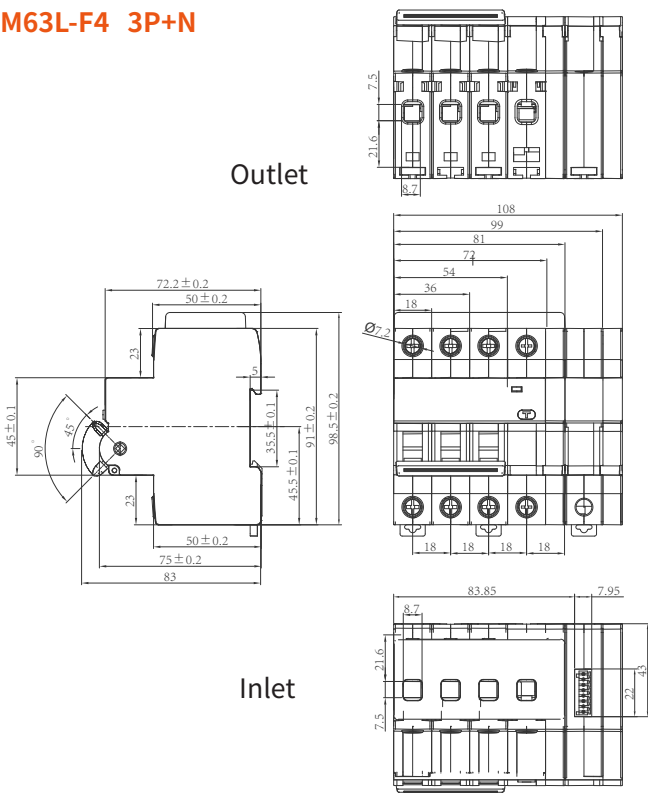
M63L-F4 1P+N



M63L-F4 3P



M63L-F4 3P+N



M63L-F5

Intelligent **Earth Leakage** Circuit Breaker



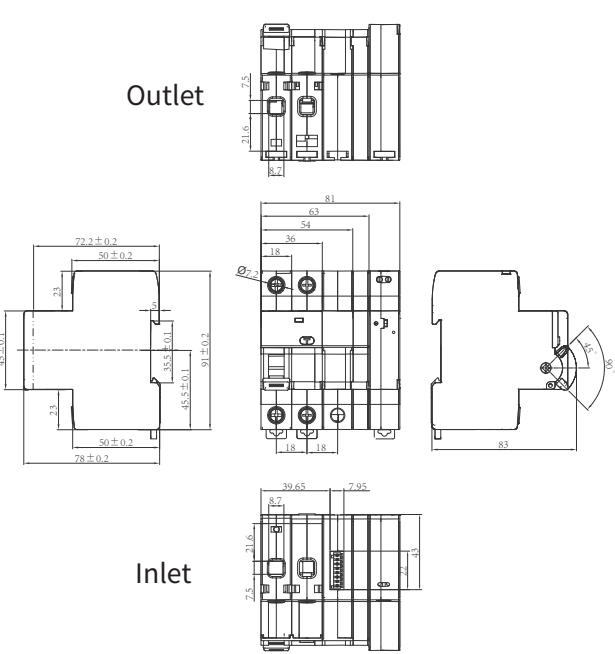
Intelligent Characteristics

Intelligent earth leakage Circuit Breaker with Remote Switching and Closing, Temperature Detection Characteristics

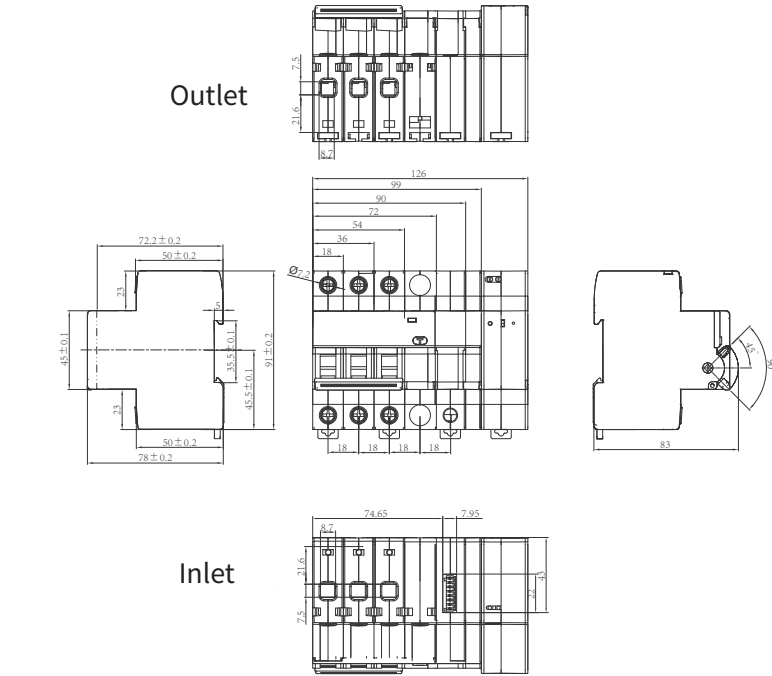
Product parameters		1P+N	3P+N	3P
Size(mm)		81	135	126
Module		4.5modules	7.5modules	7modules
Characteristics		Overload protection, short circuit protection, leakage protection, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission	Overload protection, short circuit protection, leakage protection, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and tripping (optional), Phase sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Transmission type		RS485&4G		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	10000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

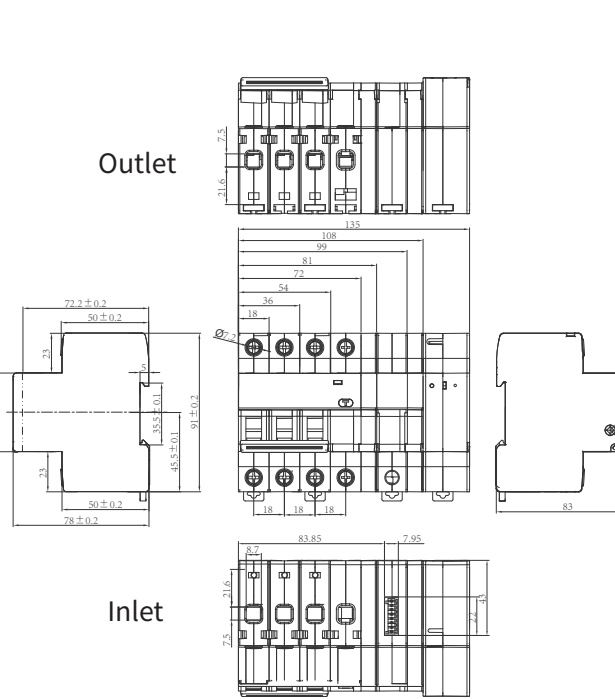
M63L-F5 1P+N



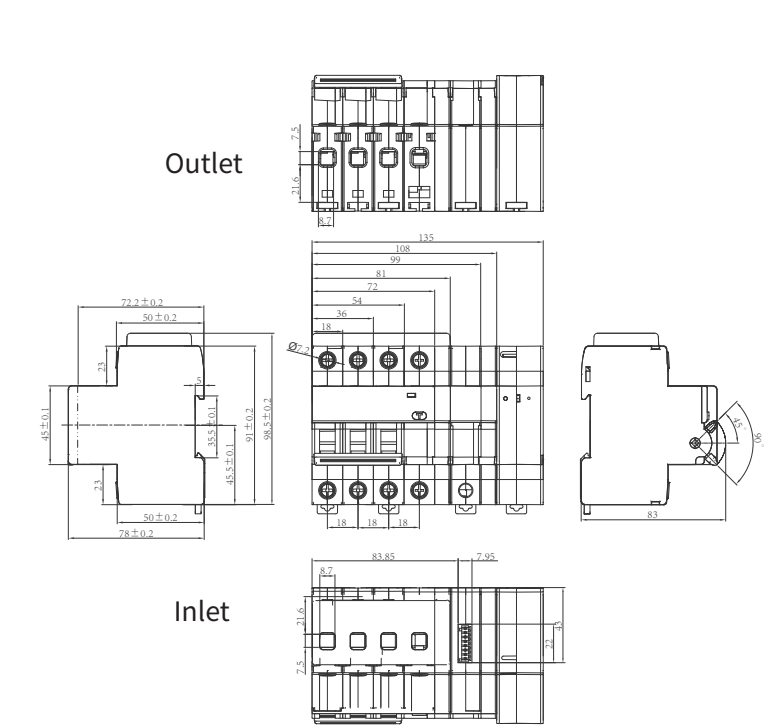
M63L-F5 3P



M63L-F5 3P+N [1~40A]



M63L-F5 3P+N [50~63A]



M63L-F6

Intelligent **Earth Leakage** Circuit Breaker



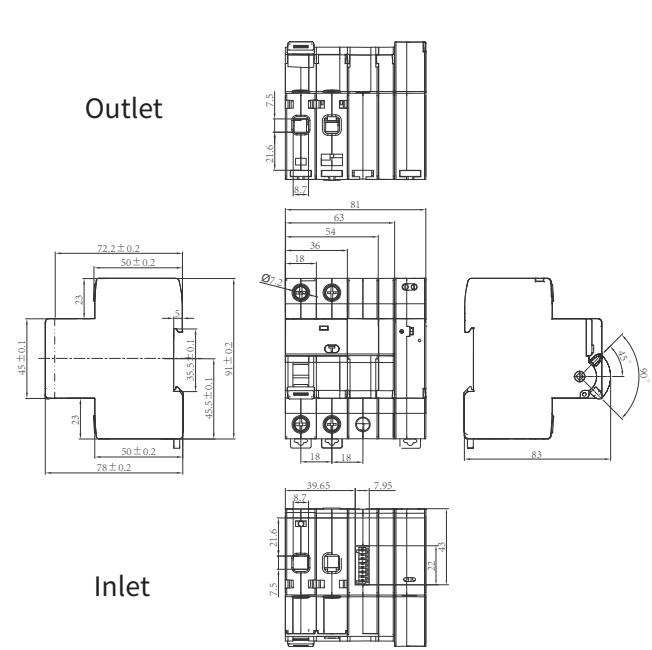
Intelligent Characteristics

Intelligent earth leakage Circuit Breaker with Power Metering, Remote Switching and Closing, Temperature Detection Characteristics

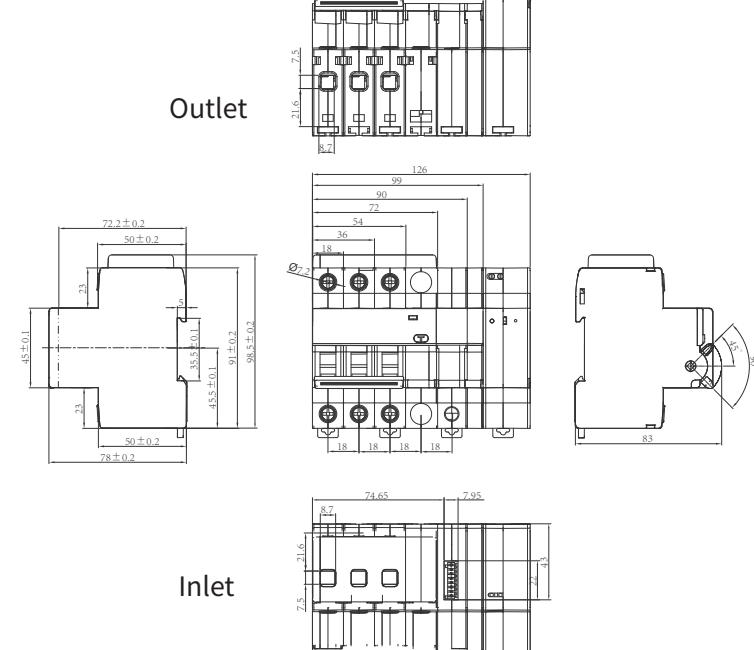
Product parameters		1P+N	3P+N	3P
Size(mm)		81	135	126
Module		4.5modules	7.5modules	7modules
Characteristics		Overload protection, short circuit protection, leakage protection, energy metering, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), RS485&4G data transmission	Overload protection, short circuit protection, leakage protection, energy metering, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and tripping (optional), Phase sequence protection (optional), RS485&4G data transmission	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Transmission type		RS485&4G		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	10000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

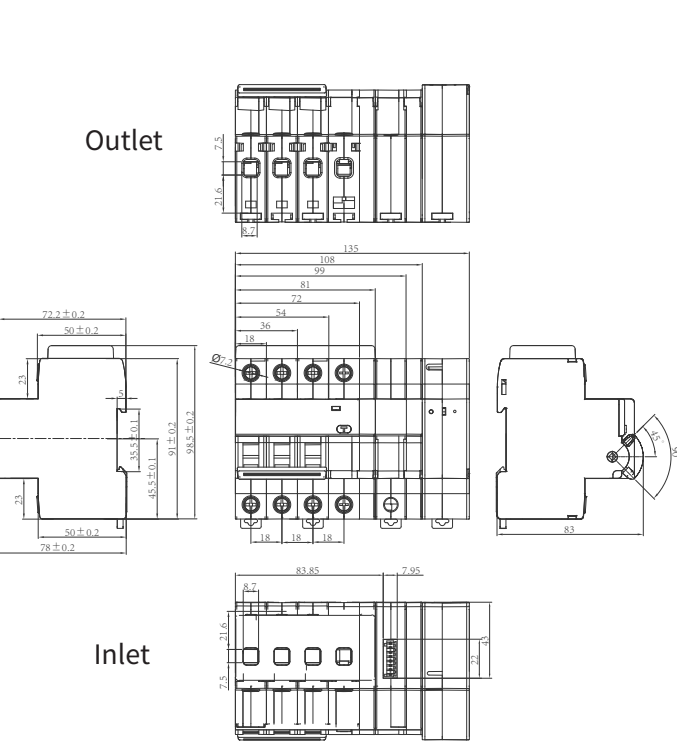
M63L-F6 1P+N



M63L-F6 3P



M63L-F6 3P+N



ORBITAL

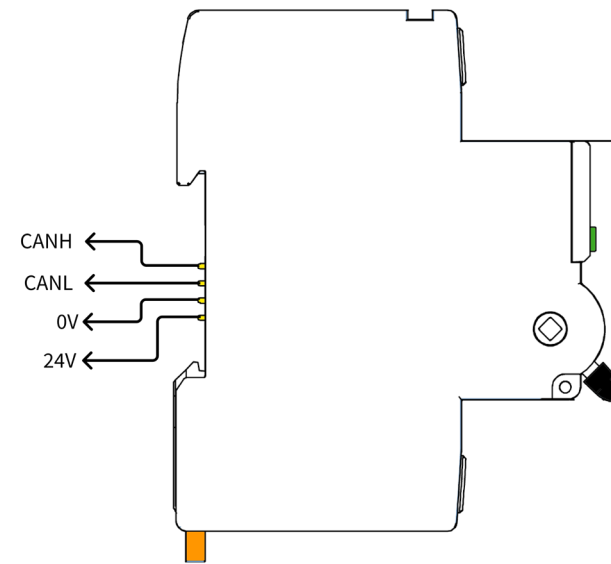
Intelligent Circuit Breaker

M63M-S series、M63L-S series

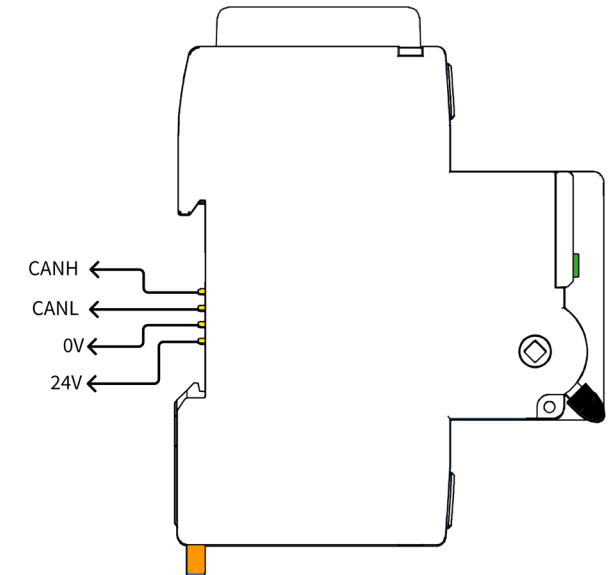


Wiring Diagram

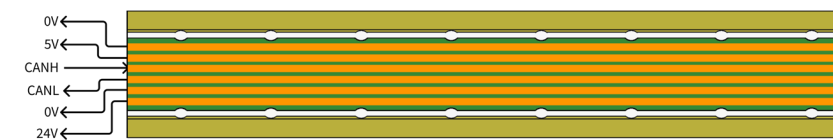
M63M-S Series



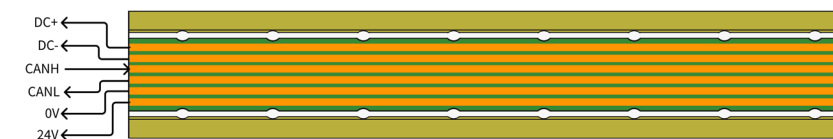
M63L-S Series



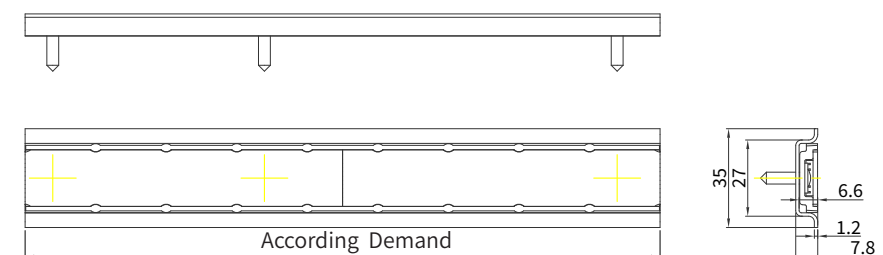
AC rails



DC rails



Standard rails



M63M-S1

Intelligent Circuit Breaker



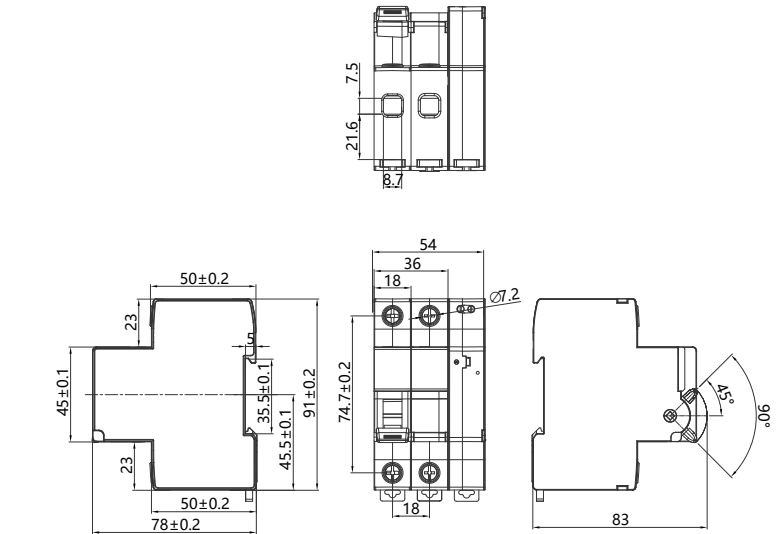
Intelligent Characteristics

Power Metering function

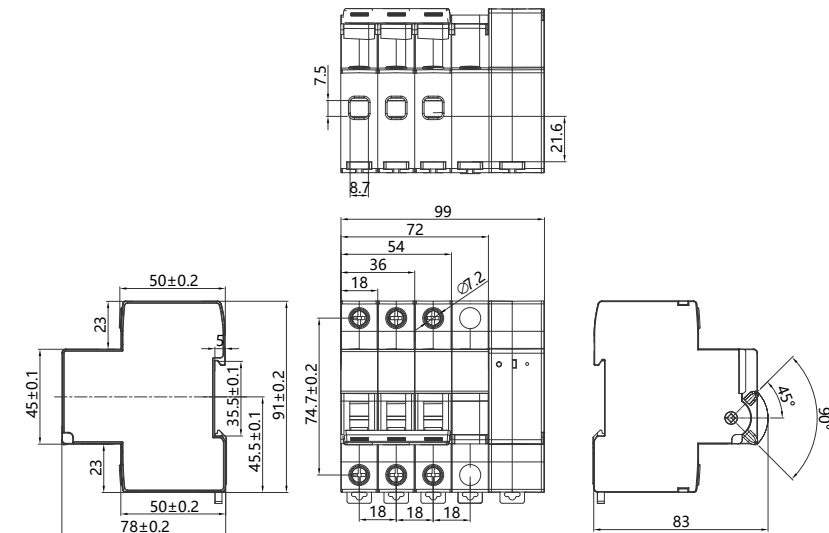
Product parameters		1P+N	3P+N	3P
Size(mm)		54	99	99
Module		3modules	5.5modules	5.5modules
Characteristics		Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, energy metering, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, energy metering, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, energy metering, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply
Wiring method		Top incoming/bottom outgoing (w/ wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

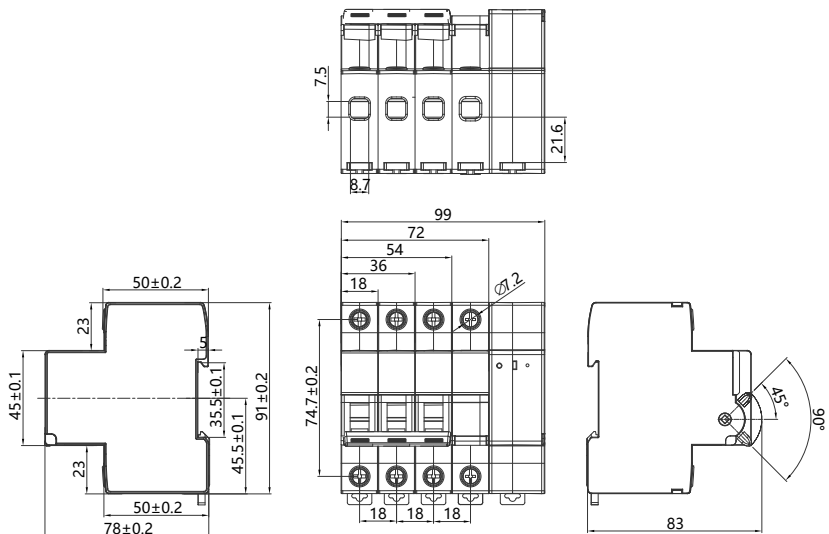
M63M-S1 1P+N



M63M-S1 3P

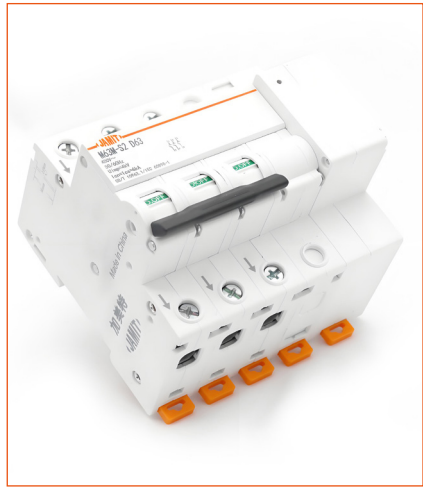


M63M-S1 3P+N



M63M-S2

Intelligent Circuit Breaker



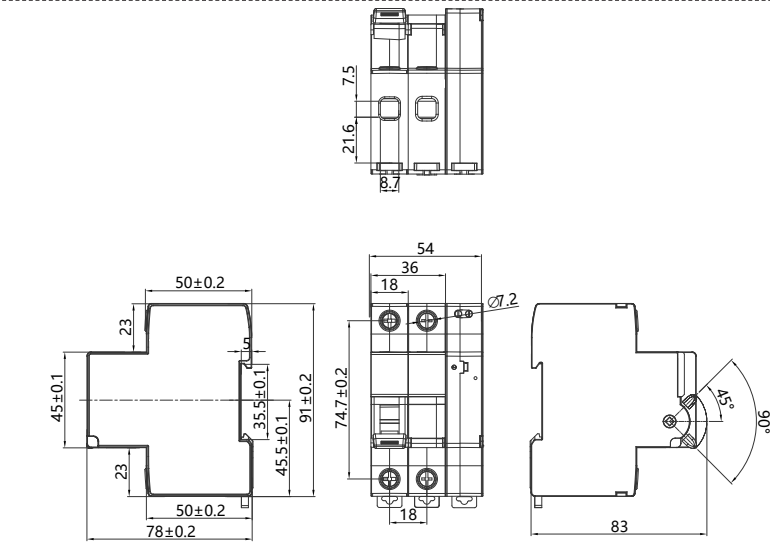
Intelligent Characteristics

Remote Switching and Closing Function

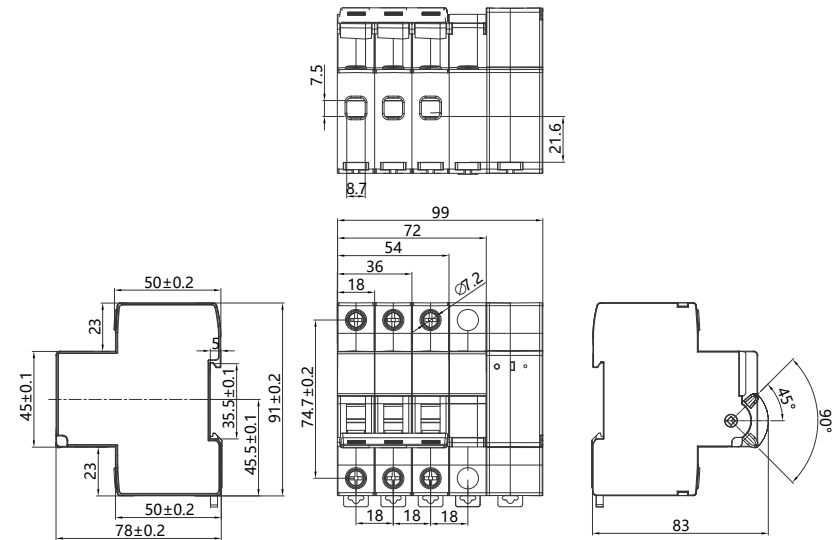
Product parameters		1P+N	3P+N	3P
Size(mm)		54	99	99
Module		3modules	5.5modules	5.5modules
Characteristics		Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, remote opening and closing, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, remote opening and closing, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and tripping (optional), Phase sequence protection (optional), gateway transmission, DC power supply
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、 2、 4、 6、 10、 16、 20、 25、 32、 40、 50、 63		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	12000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

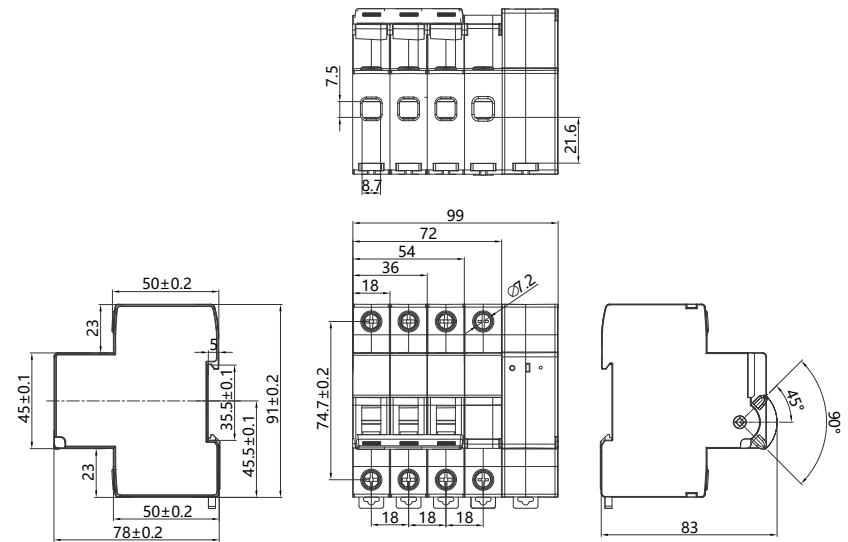
M63M-S2 1P+N



M63M-S2 3P



M63M-S2 3P+N



M63M-S3

Intelligent Circuit Breaker



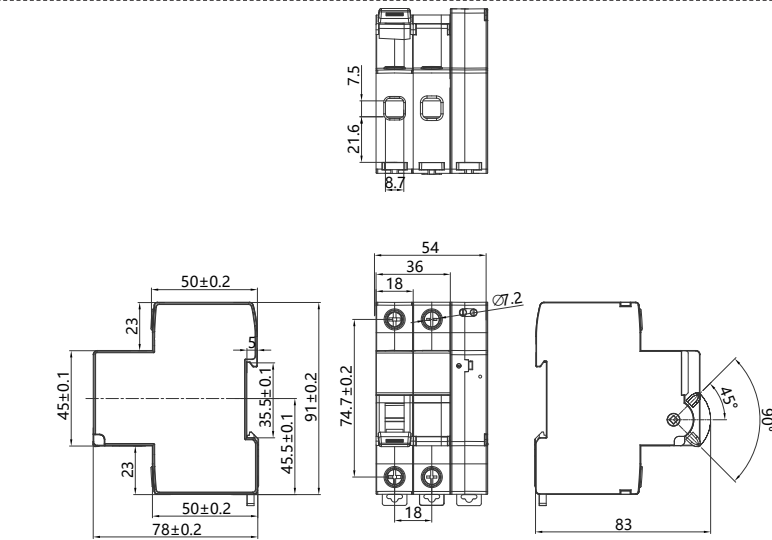
Intelligent Characteristics

Power Metering, Remote Switching and Closing Characteristics

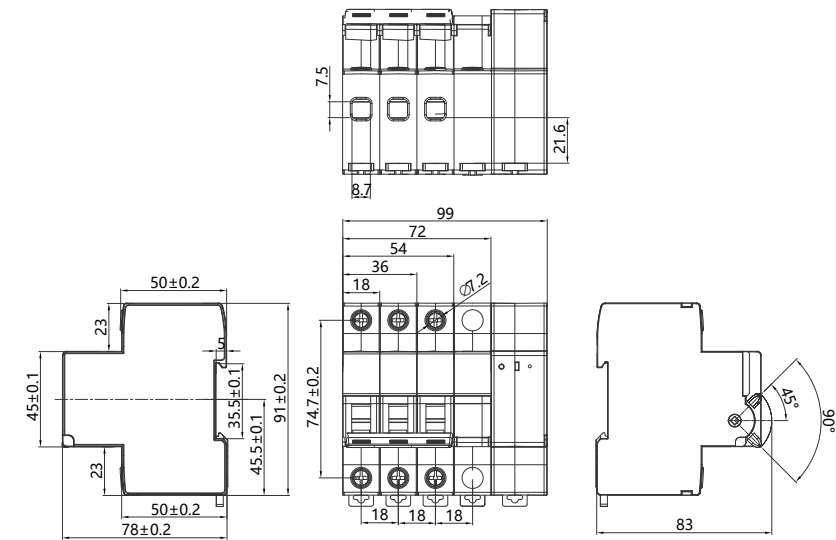
Product parameters		1P+N	3P+N	3P
Size(mm)		54	99	99
Module		3modules	5.5modules	5.5modules
Characteristics		Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, energy metering, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and tripping (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, energy metering, remote opening and closing, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and tripping (optional), Phase sequence protection (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, energy metering, remote opening and closing, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply
Wiring method		Top incoming/bottom outgoing (w/ wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	12000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

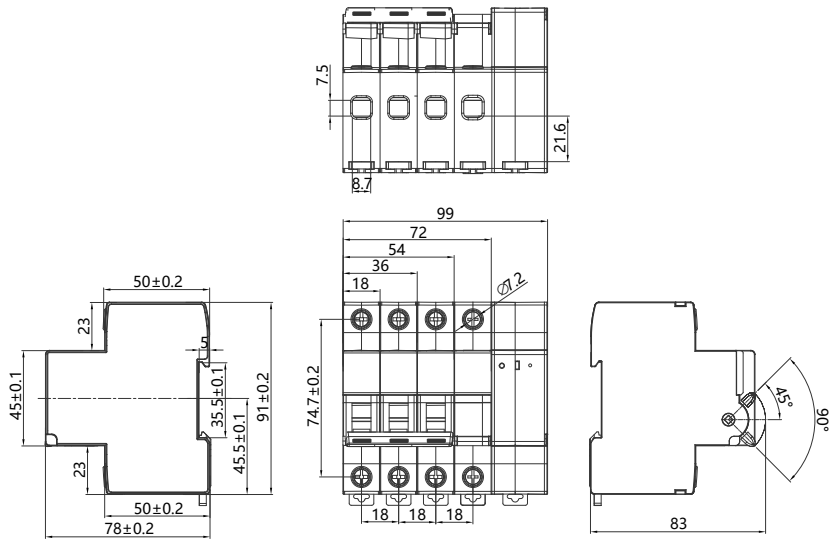
M63M-S3 1P+N



M63M-S3 3P



M63M-S3 3P+N



M63M-S4

Intelligent Circuit Breaker



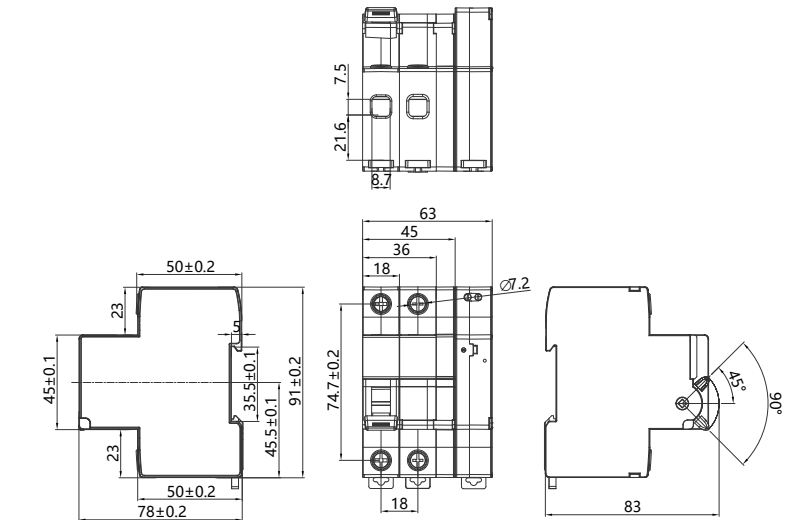
Intelligent Characteristics

Power Metering, Temperature Detection Characteristics

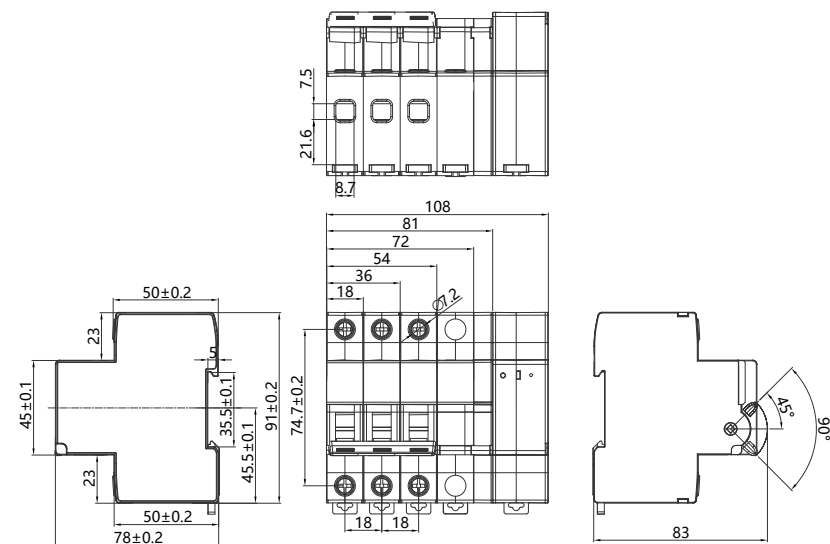
Product parameters		1P+N	3P+N	3P
Size(mm)		63	108	108
Module		3.5modules	6modules	6modules
Characteristics		Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, energy metering, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, energy metering, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, energy metering, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

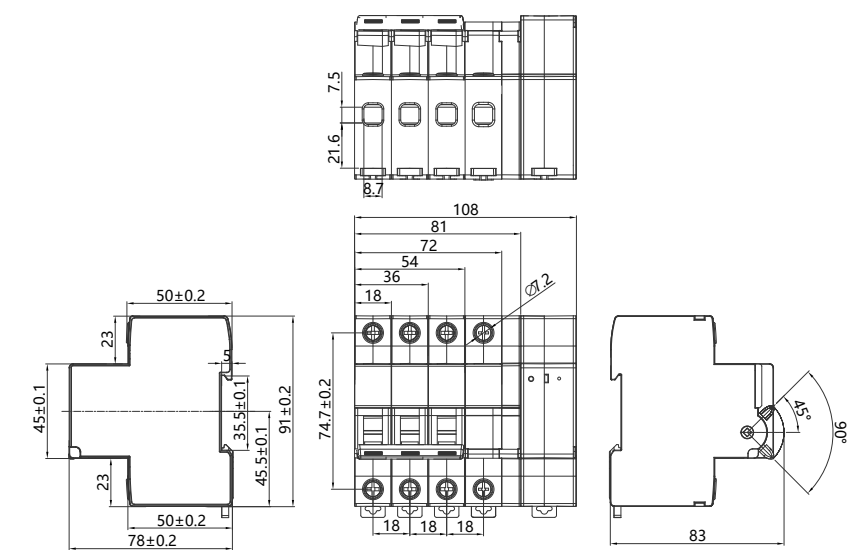
M63M-S4 1P+N



M63M-S4 3P



M63M-S4 3P+N



M63M-S5

Intelligent Circuit Breaker



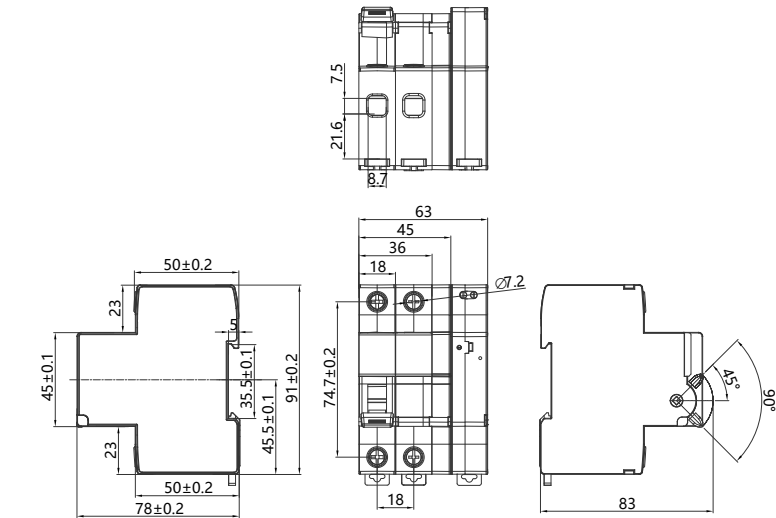
Intelligent Characteristics

Remote Switching and Closing, Temperature Detection Characteristics

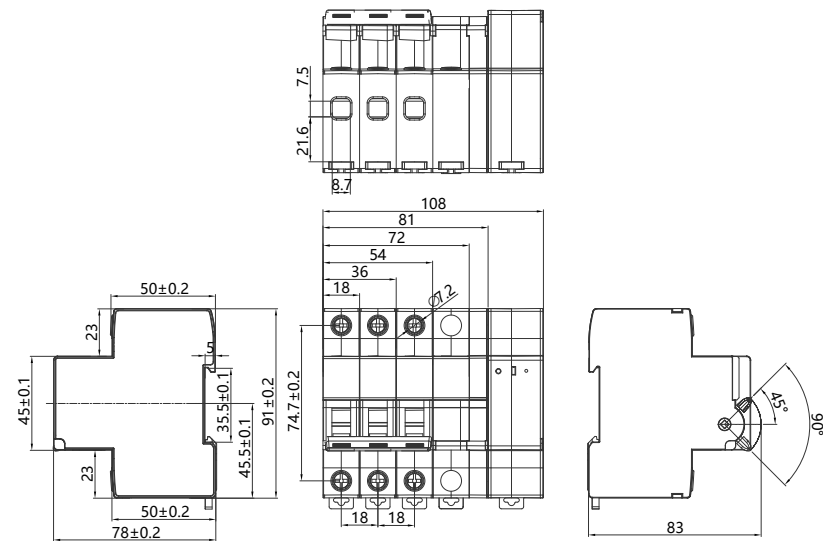
Product parameters		1P+N	3P+N	3P
Size(mm)		63	108	108
Module		3.5modules	6modules	6modules
Characteristics		Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, remote opening and closing, temperature detection, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and tripping (optional), Phase sequence protection (optional), gateway transmission, DC power supply
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、 2、 4、 6、 10、 16、 20、 25、 32、 40、 50、 63		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	12000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

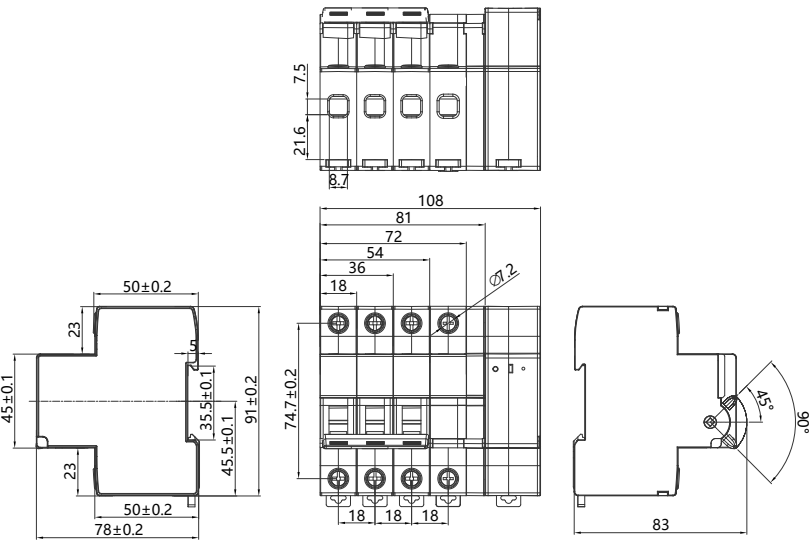
M63M-S5 1P+N



M63M-S5 3P



M63M-S5 3P+N



M63M-S6

Intelligent Circuit Breaker



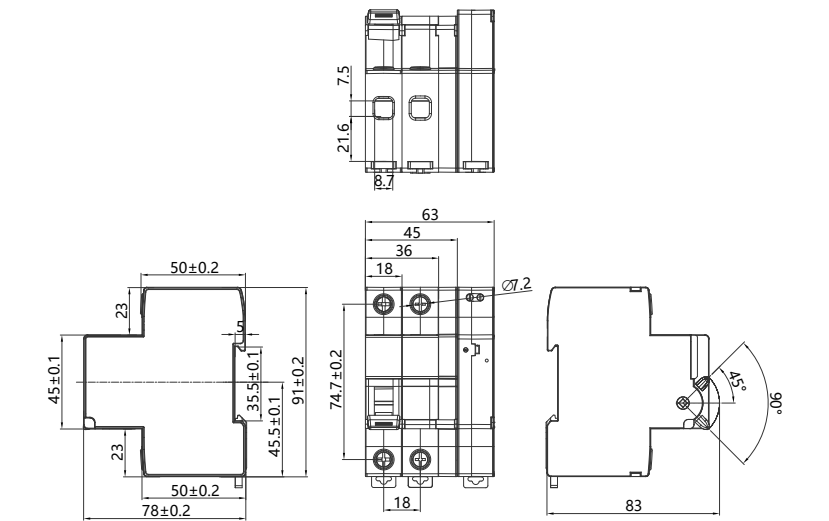
Intelligent Characteristics

Power Metering, Remote Switching and Closing, Temperature Detection Characteristics

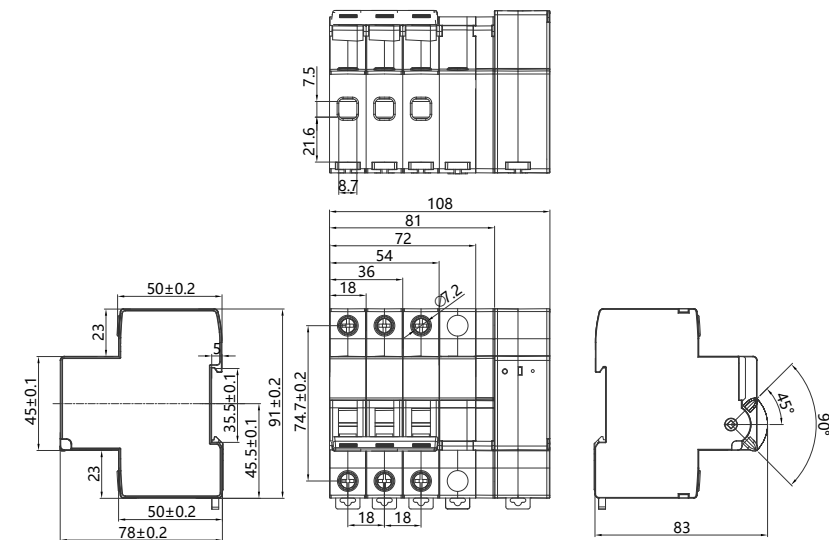
Product parameters		1P+N	3P+N	3P
Size(mm)		63	108	108
Module		3.5modules	6modules	6modules
Characteristics		Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, energy metering, remote opening and closing, temperature detection, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, N-pole with breaking capacity, energy metering, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and tripping (optional), Phase sequence protection (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, energy metering, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and tripping (optional), Phase sequence protection (optional), gateway transmission, DC power supply
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/ bottom outgoing (w/ wiring mark)
Rated current (A)		1、 2、 4、 6、 10、 16、 20、 25、 32、 40、 50、 63		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	12000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

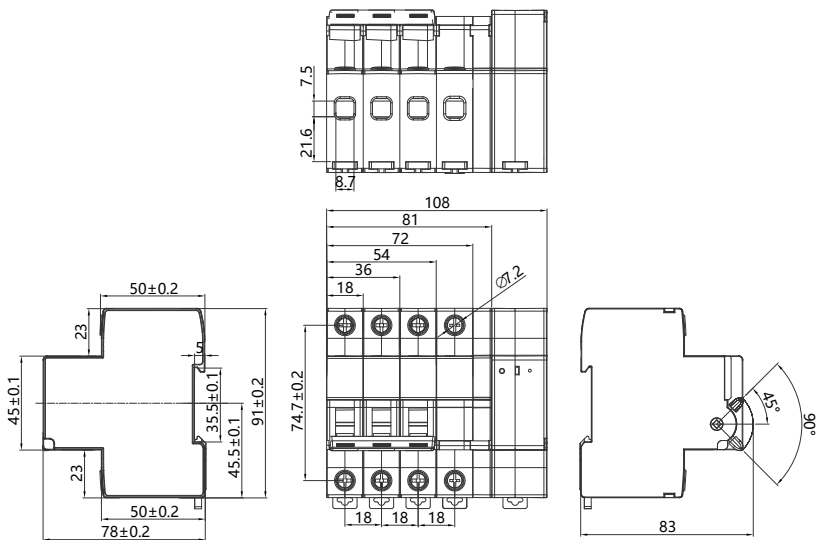
M63M-S6 1P+N



M63M-S6 3P



M63M-S6 3P+N



M63L-S1

Intelligent **Earth Leakage** Circuit Breaker



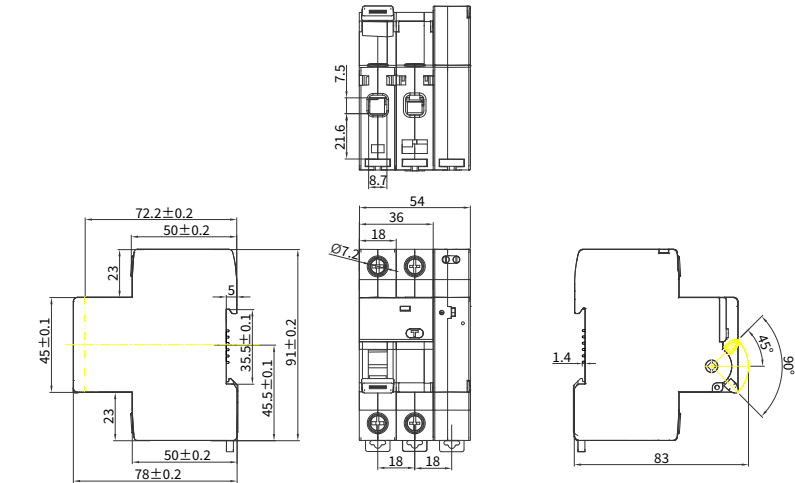
Intelligent Characteristics

Power Metering function

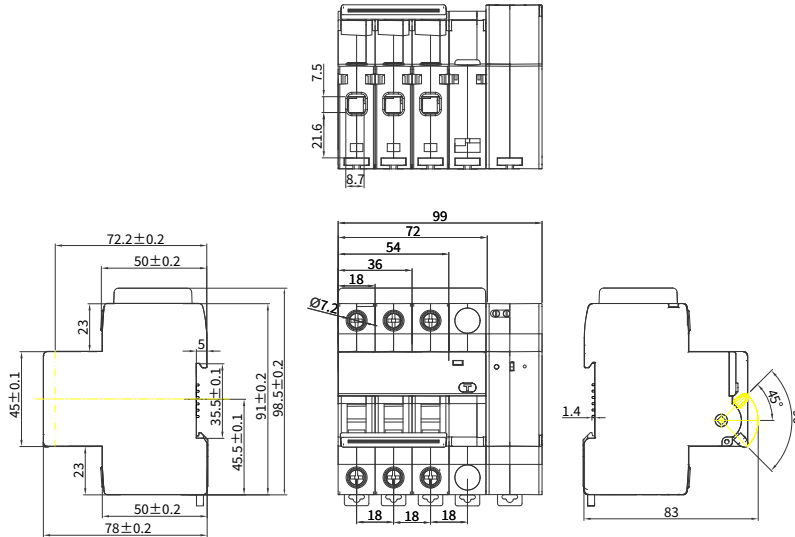
Product parameters		1P+N	3P+N	3P
Size(mm)		54	108	99
Module		3modules	6modules	5.5modules
Characteristics		Parallel assembly, overload protection, short circuit protection, leakage protection, energy metering, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, leakage protection, energy metering, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、 2、 4、 6、 10、 16、 20、 25、 32、 40、 50、 63		
Rated leakage current (mA)		10、 30、 100、 300、 500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

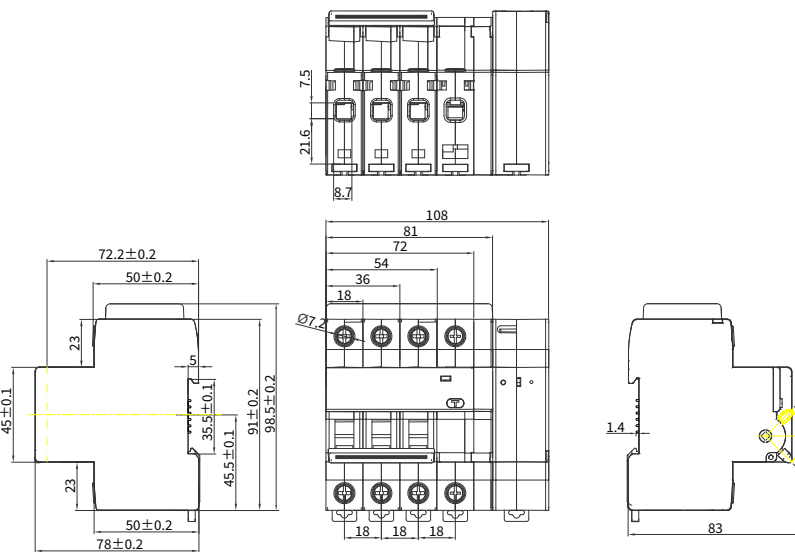
M63L-S1 1P+N



M63L-S1 3P



M63L-S1 3P+N



M63L-S2

Intelligent **Earth Leakage** Circuit Breaker



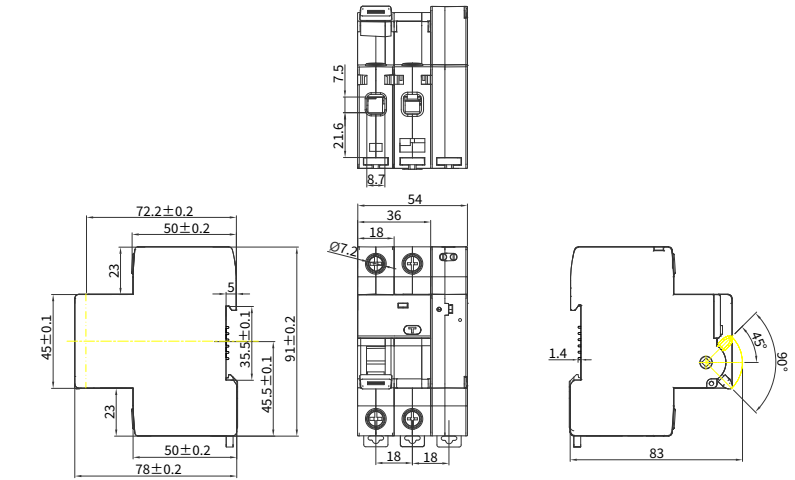
Intelligent Characteristics

Remote Switching and Closing Function

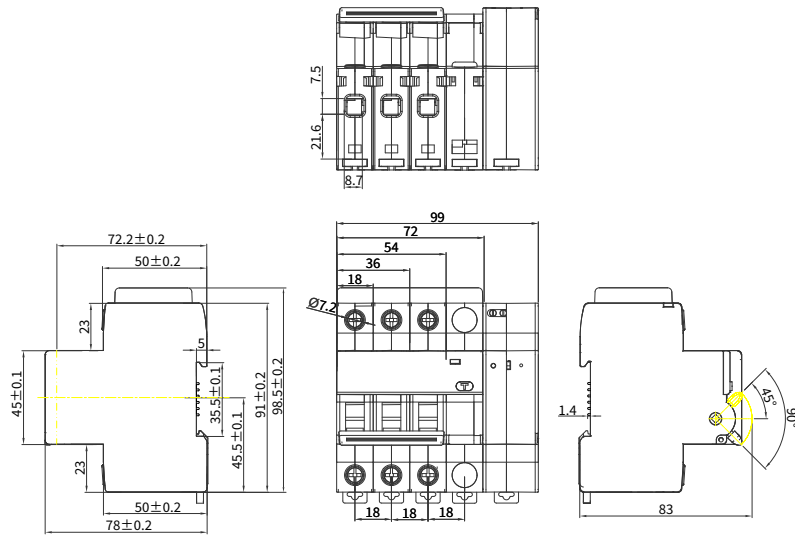
Product parameters		1P+N	3P+N	3P
Size(mm)		54	108	99
Module		3modules	6modules	5.5modules
Characteristics		Parallel assembly, overload protection, short circuit protection, leakage protection, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and tripping (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, leakage protection, remote opening and closing, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/ bottom outgoing (w/ wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	10000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

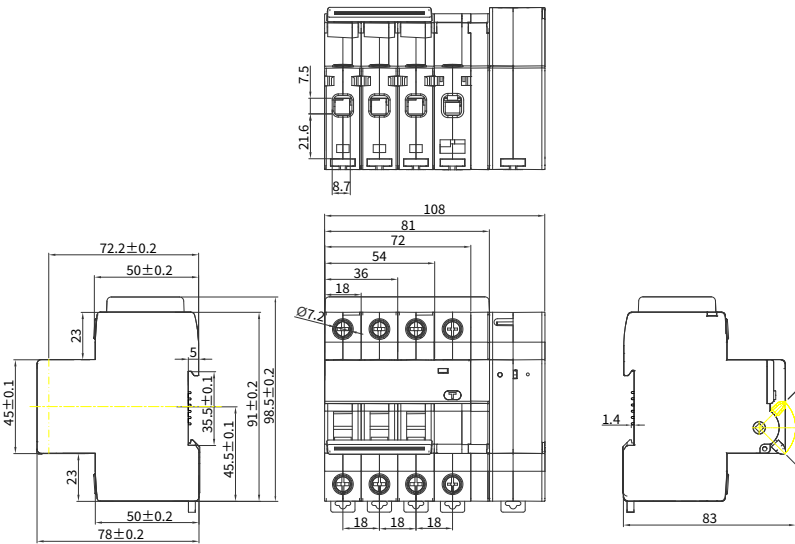
M63L-S2 1P+N



M63L-S2 3P



M63L-S2 3P+N



M63L-S3

Intelligent **Earth Leakage** Circuit Breaker



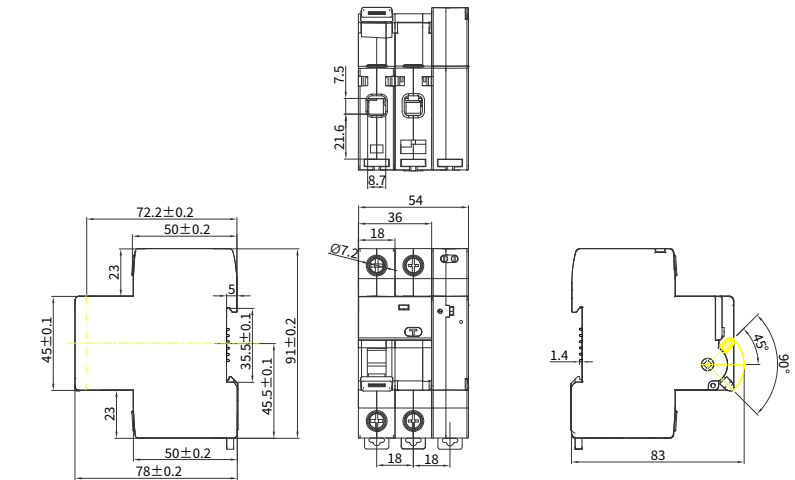
Intelligent Characteristics

Power Metering, Remote Switching and Closing Characteristics

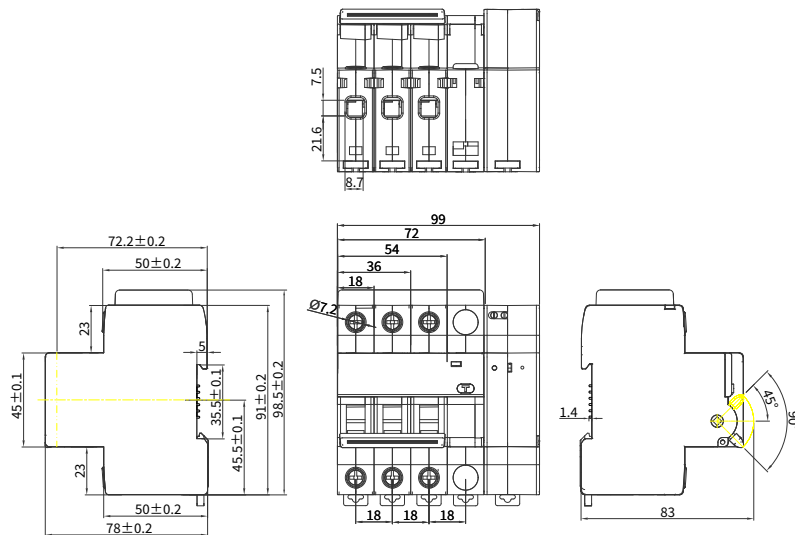
Product parameters		1P+N	3P+N	3P
Size(mm)		54	108	99
Module		3modules	6modules	5.5modules
Characteristics		Parallel assembly, overload protection, short circuit protection, leakage protection, energy metering, remote opening and closing, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, leakage protection, energy metering, remote opening and closing, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/ bottom outgoing (w/ wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	10000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

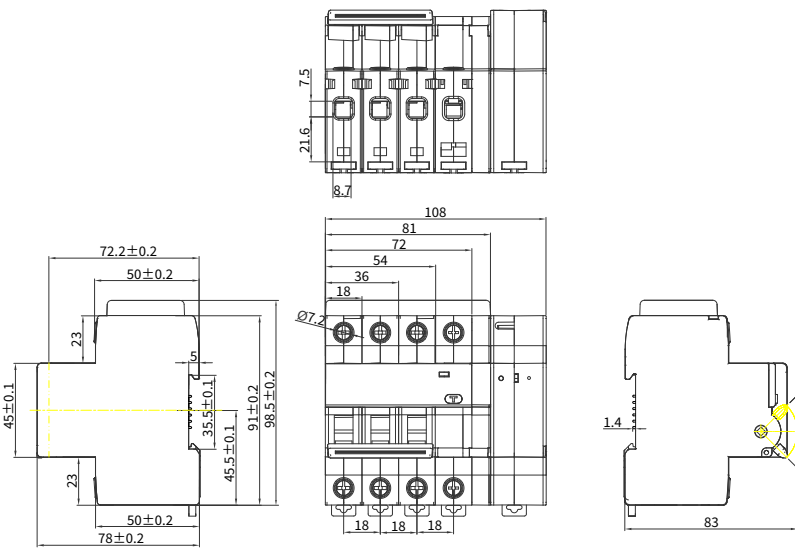
M63L-S3 1P+N



M63L-S3 3P



M63L-S3 3P+N



M63L-S4

Intelligent **Earth Leakage** Circuit Breaker



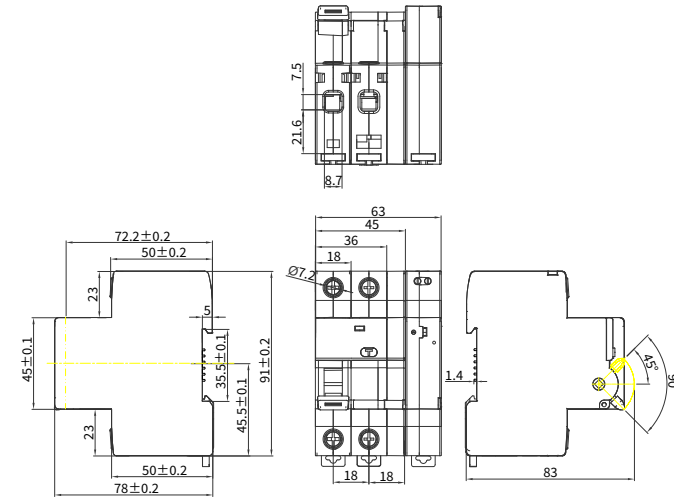
Intelligent Characteristics

Power Metering,
Temperature Detection
Characteristics

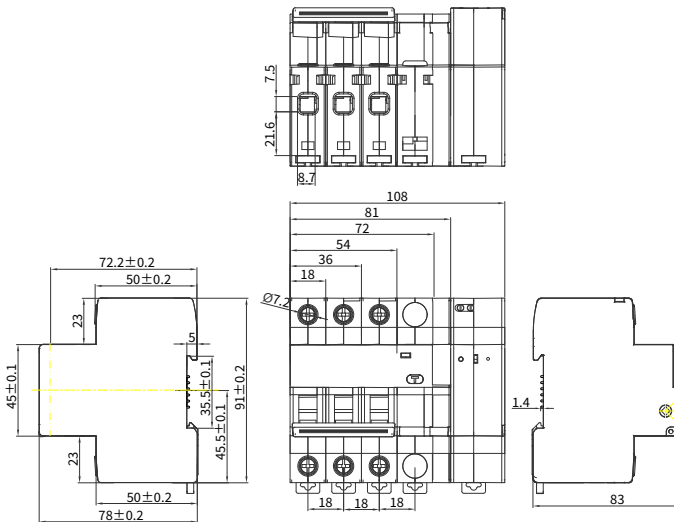
Product parameters		1P+N	3P+N	3P
Size(mm)		63	108	108
Module		3.5modules	6modules	6modules
Characteristics		Parallel assembly, overload protection, short circuit protection, leakage protection, energy metering, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, leakage protection, energy metering, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/ bottom outgoing (w/ wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

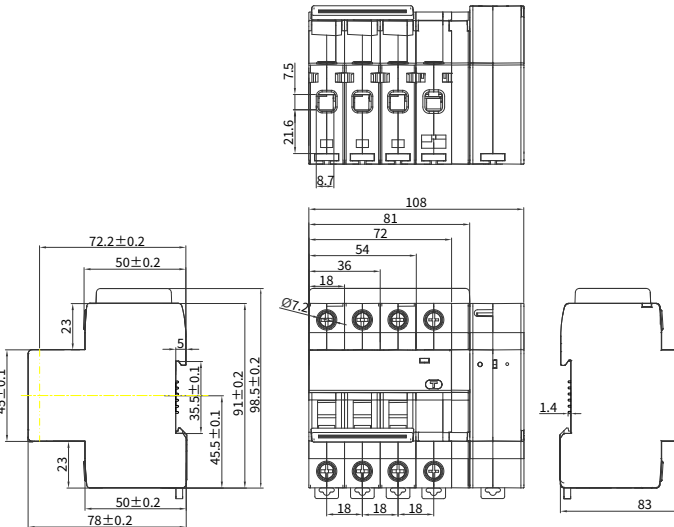
M63L-S4 1P+N



M63L-S4 3P



M63L-S4 3P+N



M63L-S5

Intelligent **Earth Leakage** Circuit Breaker



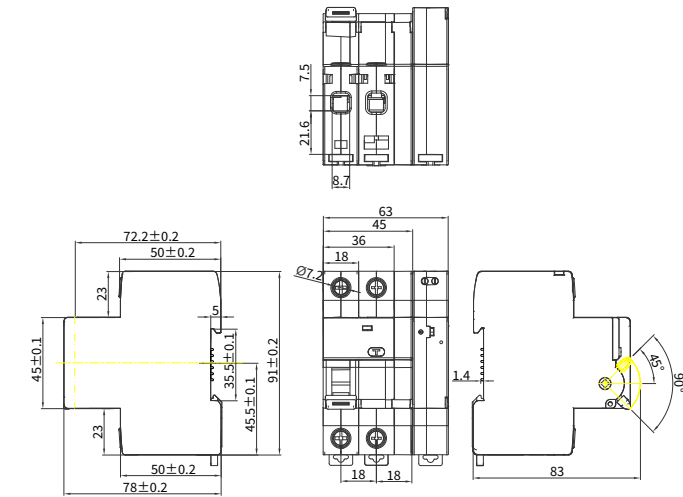
Intelligent Characteristics

Remote Switching and Closing , Temperature Detection Characteristics

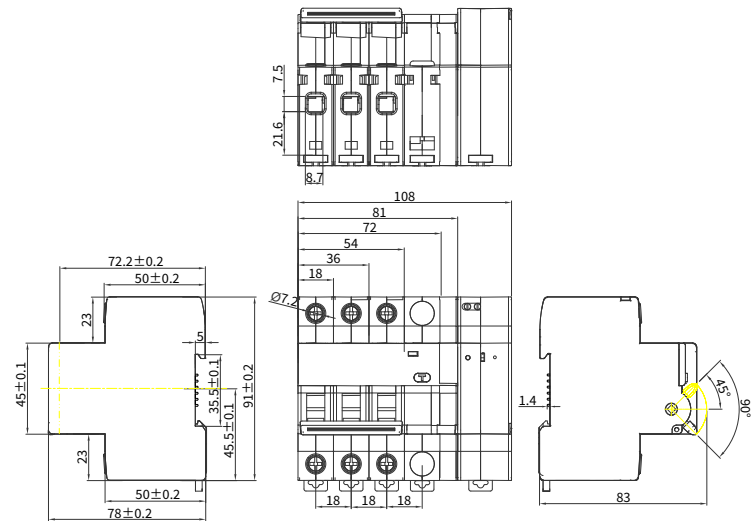
Product parameters		1P+N	3P+N	3P
Size(mm)		63	108	108
Module		3.5modules	6modules	6modules
Characteristics		Parallel assembly, overload protection, short circuit protection, leakage protection, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, leakage protection, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and tripping (optional), Phase sequence protection (optional), gateway transmission, DC power supply	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	10000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

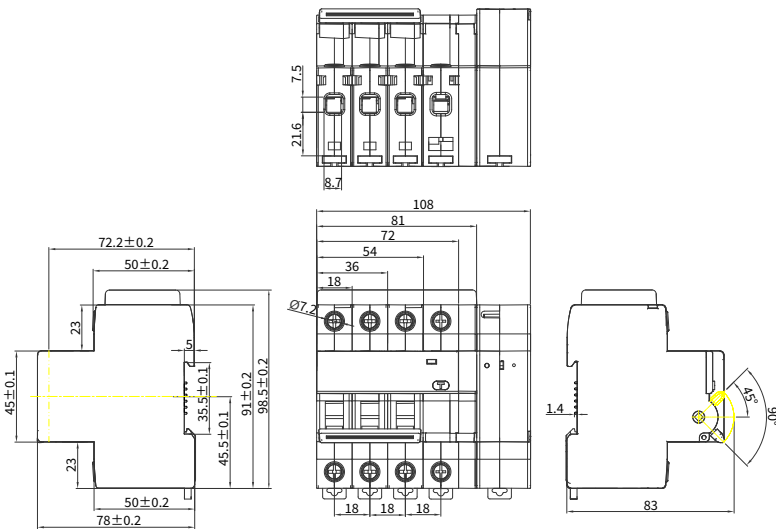
M63L-S5 1P+N



M63L-S5 3P



M63L-S5 3P+N



M63L-S6

Intelligent **Earth Leakage** Circuit Breaker



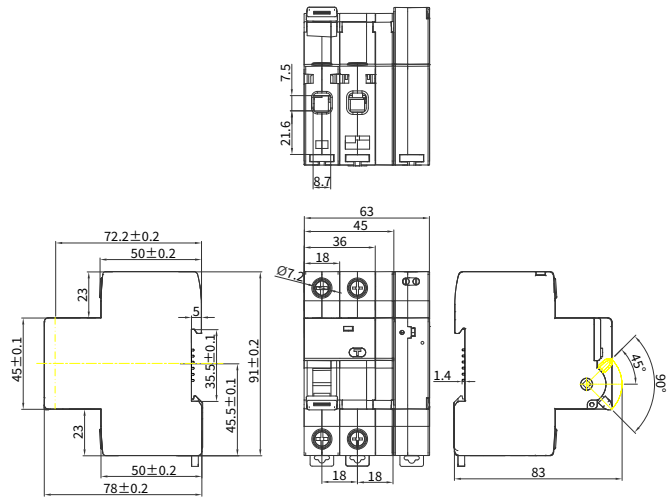
Intelligent Characteristics

Power Metering, Remote Switching and Closing, Temperature Detection Characteristics

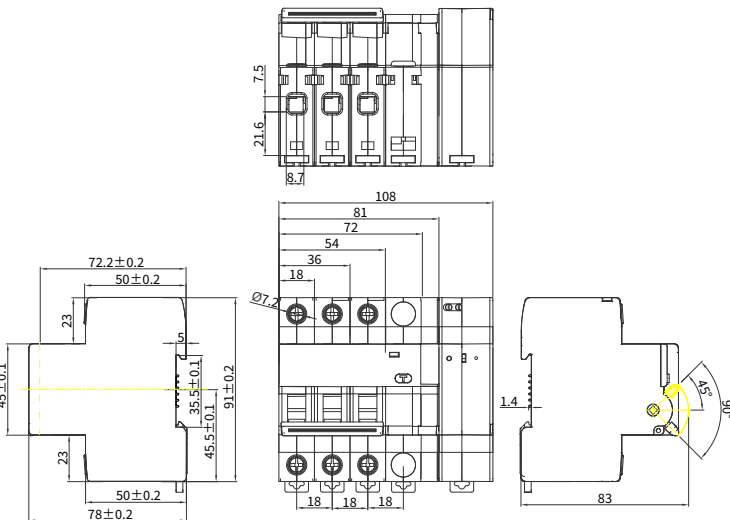
Product parameters		1P+N	3P+N	3P
Size(mm)		63	108	108
Module		3.5modules	6modules	6modules
Characteristics		Parallel assembly, overload protection, short circuit protection, leakage protection, energy metering, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), power outage and trip (optional), gateway transmission, DC power supply	Parallel assembly, overload protection, short circuit protection, leakage protection, energy metering, remote opening and closing, temperature detection, overvoltage and undervoltage protection (optional), Phase monitoring (optional), power outage and trip (optional), Phase sequence protection (optional), gateway transmission, DC power supply	
Wiring method		Top incoming/bottom outgoing (w/wiring mark), zero line markings		Top incoming/bottom outgoing (w/wiring mark)
Rated current (A)		1、2、4、6、10、16、20、25、32、40、50、63		
Rated leakage current (mA)		10、30、100、300、500		
Leakage trip type		AC type, A type		
Rated voltage (V) Un		230	400	
Rated insulation voltage (V) Ui		500		
Overvoltage (V) Uve (optional)		275±5V	460±5V	
Undervoltage (V) Uoe (optional)		165±5V	290±5V	
Power outage and trip		Optional		
Phase monitoring		/	Optional	
Phase sequence protection		/	Optional	
Rated operating frequency (Hz)		50/60		
Rated impulse withstand voltage (V) Uimp		4000		
Rated short-circuit capacity Icn		6000		
Rated operation short-circuit breaking capacity Ics		6000		
Measurement accuracy		±0.5%		
Connection method		Parallel assembly, track PCBA connection		
Overvoltage category		II		
Pollution capacity		2		
Instantaneous tripping characteristics	B(3In-5In)	Yes		
	C(5In-10In)	Yes		
	D(10In-20In)	Yes		
Electric shock protection level		II		
Remote opening and closing service life		15000	10000	
Mechanical service life		20000		
Protection level	Circuit breaker	IP20		
	Installed in the distribution box	IP40		
Max. wiring capacity (²)		50		
Terminal maximum torque (Nm)		5		

Product Size

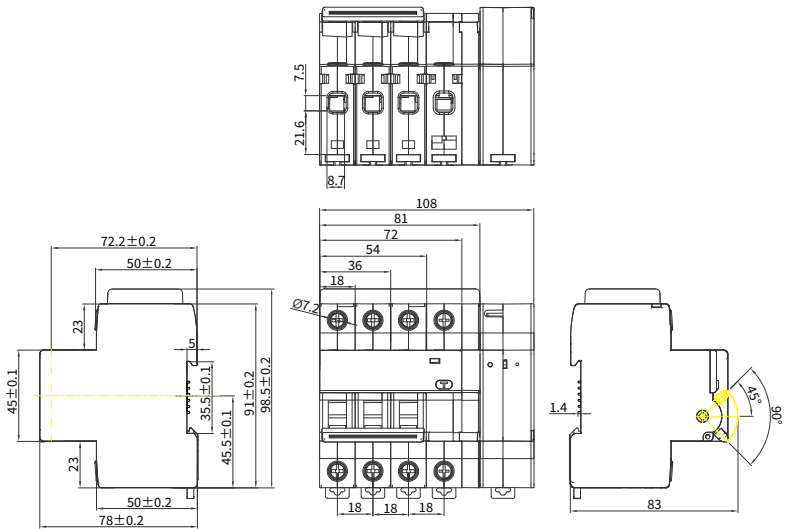
M63L-S6 1P+N



M63L-S6 3P



M63L-S6 3P+N



M125M [AC]

Miniature Circuit Breaker

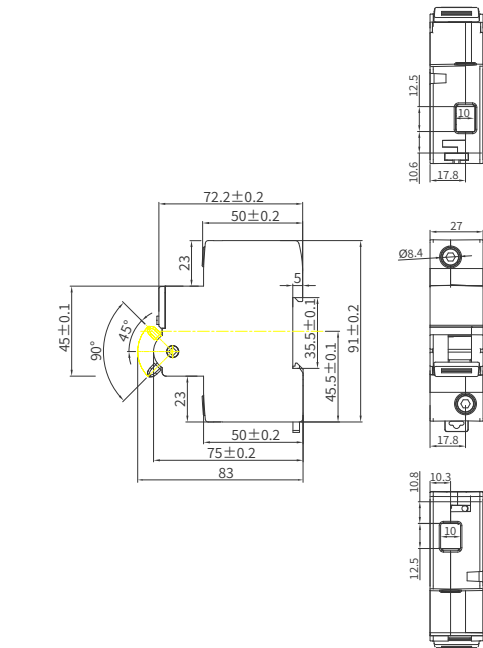


- Certification standards
- GB/T 10963.1 IEC 60898-1
- Product certification
- CCC、CE、CB、UKCA

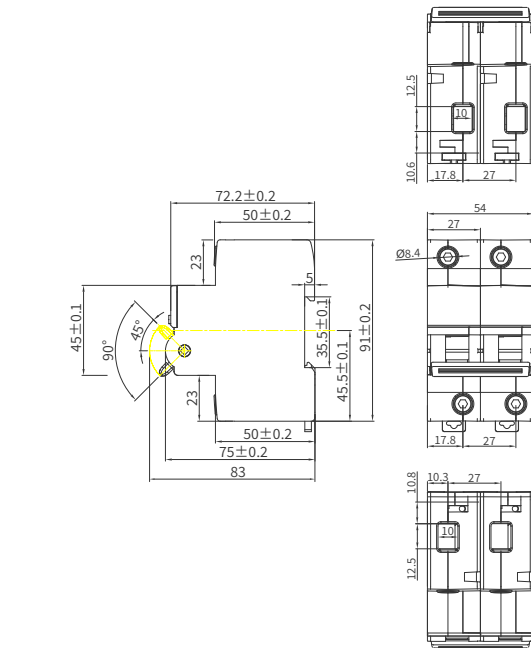
Product parameters		1P	2P	3P	4P
Size(mm)		27	54	81	108
Module		1.5 modules	3 modules	4.5modules	6 modules
Characteristics		Short circuit protection, overload protection			
Wiring method		Without limitation			
Rated current (A)		60、80、100、125			
Rated voltage (V) Un		240/415		415	
Rated insulation voltage (V) Ui		500			
Rated operating frequency (Hz)		50/60			
Rated impulse withstand voltage (V) Uimp		4000			
Rated short-circuit capacity Icn		25000			
Rated operation short-circuit breaking capacity Ics		15000			
Overvoltage category		II			
Pollution capacity		2			
Instantaneous tripping characteristics	C(5In-10In)	Yes			
	D(10In-20In)	Yes			
Electric shock protection level		II			
Mechanical service life		20000			
Protection level	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		100			
Terminal maximum torque (Nm)		10			

Product Size

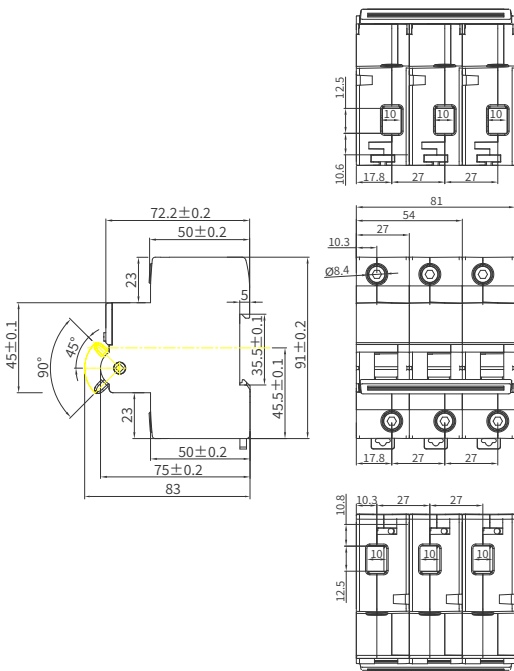
M125M 1P



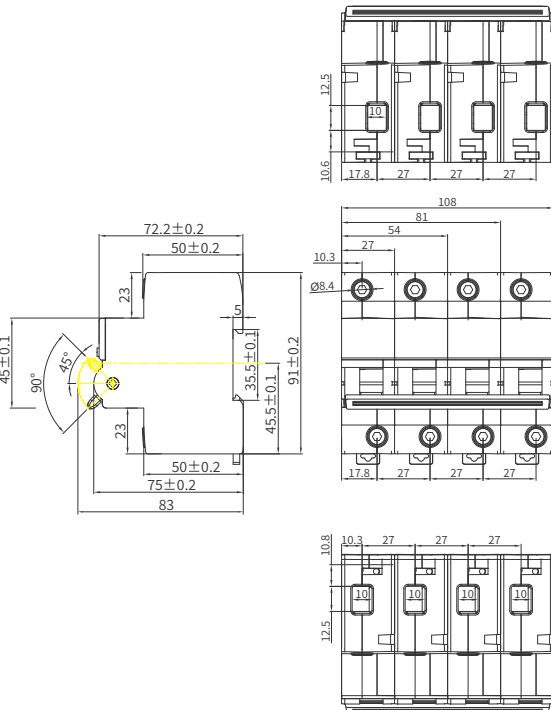
M125M 2P



M125M 3P



M125M 4P



M160

【AC】

Miniature Circuit Breaker



Rated current (A)		160A, 125A, 100A, 80A, 60A			
Product parameters		1P	2P	3P	4P
Size (mm)		27	54	81	108
Module		1.5 Modules	3 Modules	4.5 Modules	6 Modules
Characteristics		Short-circuit protection, overload protection			
Wiring method		Without limitation			
Rated voltage (V) Un		240/440			
Rated insulation voltage (V) Ui		500			
Rated operating frequency (Hz)		50/60			
Rated impulse withstand voltage (V) Uimp		6000			
Rated short-circuit capacity Icu		10000			
Rated operation short-circuit breaking capacity Ics		10000			
Overvoltage type		II			
Pollution capacity		2			
Instantaneous trip characteristics	C(7In±20%)	Yes			
	D(13In±20%)	Yes			
Electric shock protection level		II			
Electrical life		4000			
Level of protection	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		100			
Terminal maximum torque (Nm)		10			

Rated current (A)		160A, 125A, 100A, 80A, 60A			
Product parameters		1P	2P	3P	4P
Size (mm)		27	54	81	108
Module		1.5 Modules	3 Modules	4.5 Modules	6 Modules
Characteristics		Short-circuit protection, overload protection, reverse polarity protection			
Wiring method		Wiring mark			
Rated voltage (V) Un		250	500	750	1000
Rated insulation voltage (V) Ui		1200			
Rated impulse withstand voltage (V) Uimp		6000			
Rated ultimate short-circuit capacity Icu (A)		10000			
Rated operation short-circuit breaking capacity Ics(A)		10000			
Overvoltage type		II			
Pollution capacity		2			
Instantaneous trip characteristics	C(7In±20%)	Yes			
	D(13In±20%)	Yes			
Delay trip characteristics (reference temperature 30±2°C)	Conventional non-tripping current	≤ 63A 1.05In 1H, > 63A 1.05In 2H			
	Conventional tripping current	≤ 63A 1.3In 1H, > 63A 1.3In 2H			
Electric shock protection level		II			
Electrical life		4000			
Level of protection	Circuit breaker	IP20			
	Installed in the distribution box	IP40			
Max. wiring capacity (²)		100			
Terminal maximum torque (Nm)		10			

M160

【DC】

Miniature Circuit Breaker



Certification standards

GB/T 14048.2 IEC 60947-2

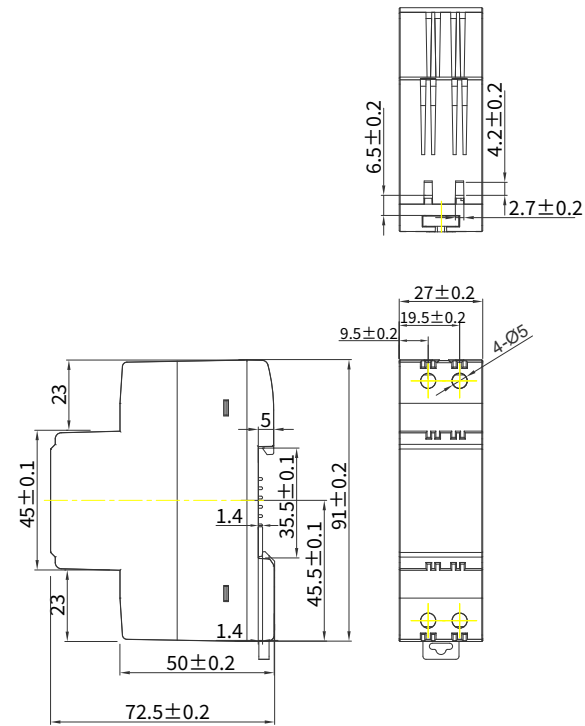
Product certification

CCC

Power Supply

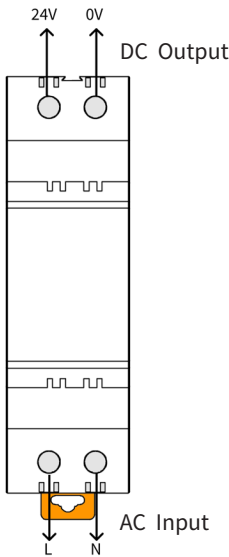


Product Size

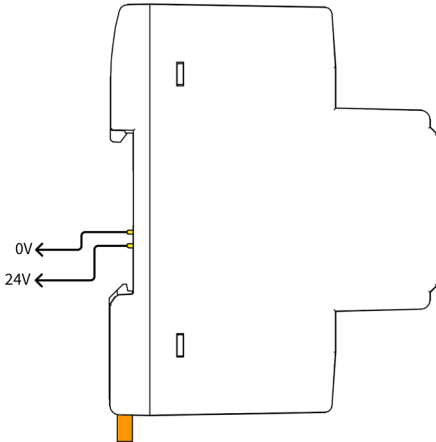


Product parameters	JMT-HDR-20-24	JMT-HDR-4-5
Series/Size	1P/27mm	
Module	1.5 modules	
Wiring method	M35 track installation (with guide rail PCBA)	
Input voltage (V) DC	AC 220	DC 24
Output voltage (V)	DC 24	DC 5
Input current (A)	1	
Working power (W)	4	
Pollution capacity	2	
Electric shock protection level	II	
Protection level (installed in the distribution box)	IP40	

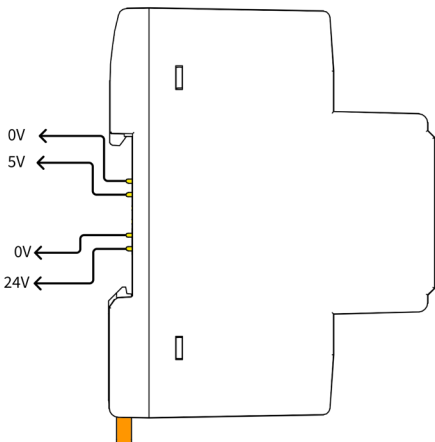
Wiring Diagram



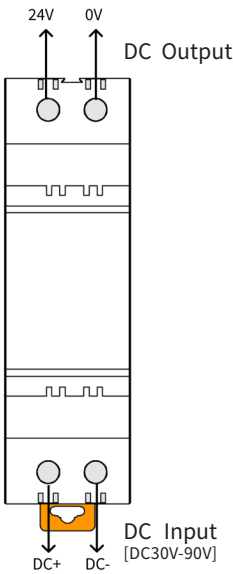
AC Power



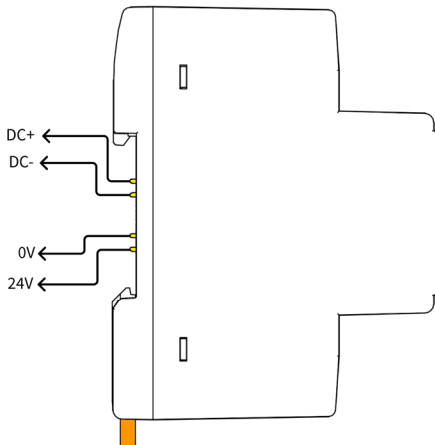
220-24V



220-24V5V



DC Power



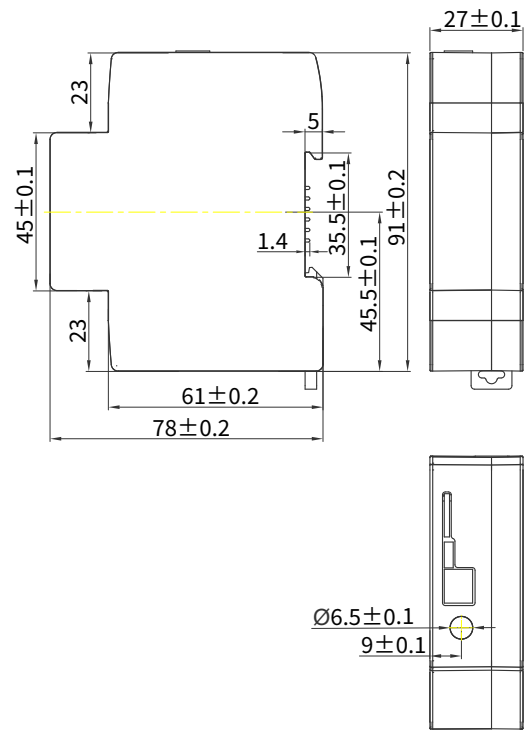
DC-24V5V

M63G

Smart Gateway



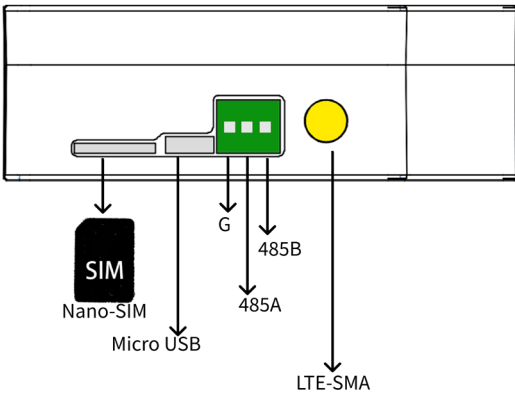
Product Size



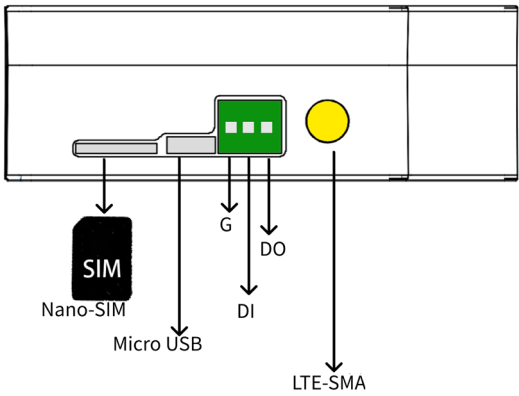
Product parameters	M63G1	M63G2
Series/Size	1P/27mm	
Module	1.5 modules	
Characteristics	RS485&4G data transmission	RS485&WiFi data transmission
Wiring method	M35 track installation (with guide rail PCBA)	
Input voltage (V) DC	24	
Input current (A)	1	
Working power (W)	4	
4G frequency band (MHz)	TDD、FDD	
Gateway Support Protocol	MQTT、TCP	
Pollution capacity	2	
Electric shock protection level	II	
Protection level (installed in the distribution box)	IP40	

Wiring Diagram

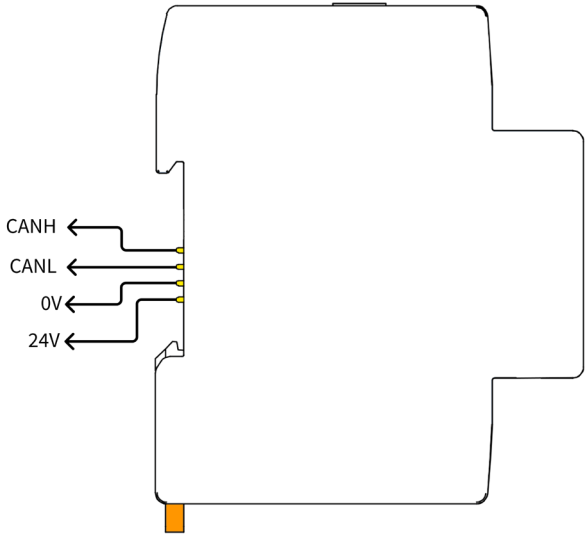
MG-485



MG-DIDO



MG (side view)



M63LE

Earth Leakage Circuit Breaker



Tripping Characteristic:	C
Type of Residual Current:	Type A
Rated Operational Voltage:	230 / 240 V AC
Rated Insulation Voltage (Ui):	500 V
Test Voltage (Ut):	230/240 V
Rated Impulse Withstand Voltage (Uimp):	4 kV
Dielectric Test Voltage:	2 kV
Input Voltage Type:	AC
Rated Current (In):	6、10、16、20、25、32、40 A
Rated Residual Current:	30 mA
Rated Ultimate Short-Circuit Breaking Capacity (Icu):	15000
Rated Service Short-Circuit Breaking Capacity (Ics):	10000
Leakage Current Type:	A
Frequency (f):	50/60 Hz
Power Supply Connection:	Bottom
Contact Position Indication:	ON / OFF
Energy Limiting Class:	3
Electrical Endurance:	10000 cycle
Mechanical Endurance:	20000 cycle
Number of Protected Poles:	1
Number of Poles:	1
Operating Characteristic:	Instantaneous
Overvoltage Category:	III
Tightening Torque:	Top 2.5 N•m Bottom 2.5 N•m
Earthing Switch Type:	Undelayed
Mounting Type:	DIN-Rail
Accessories Available:	No
Connecting Capacity:	Busbar 10 mm²
Terminal Type:	Screw Terminals

Size and placeholder	18mm/1P
Rated current (A)	1, 2, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63A
Rated voltage (V) Un	230 V
Rated operating frequency (Hz)	50/60
Rated impulse withstand voltage (V) Uimp	4000
Rated short-circuit capacity Icn(A)	6000 (440V)
Rated operation short-circuit breaking capacity Ics(A)	6000 (440V)
Wiring method	To be wired as indicated by the arrow
Connect to network	Yes
Network connection method	Parallel connection (rail probe type)
Data transmission mode	WIFI, 4G/5G, RS-485, modbus, etc.
Characteristics	Terminal contact position monitoring, terminal temperature monitoring, and circuit current monitoring
Installation method	Standard rail-mounted

M63DS

Data acquisition circuit breaker



Switching Cabinet



Specification	Size (mm)	Quantity
I	310*230	12P
II	382*230	16P

Distribution Cabinet



Specification	Size (mm)	Quantity
I	510*420*125	20P
II	700*420*125	40P