

KWB9 Series

Circuit Breaker Accessories

Rated voltage(V)	AC 230		
Rated frequency(Hz)	50/60Hz		
Ambient temperature(°C)	-25~+40,Max.95%humidity		
Storage temprature (°C)	-20~+60		
Electric endurance	4000		
Mechanical endurance	10000		
Protection degree	IP20		
Applicable products	MCB		RCBO
	KWB9-63M/H	KWB9-63M-DC	KWB9LE-63M/H



KWB9-OF



KWB9-SD



KWB9-MN



KWB9-MX



KWB9-63H-1P

KWB9 Series

Circuit Breaker Accessories

■ Application

Applicable to MCB model KWB9-63,used to control remote signaling device, Mounted on the left side of the MCB KWB9-63,indicating "ON", "OFF" status of combined MCB.



■ Combination scheme

OF	KWB9-63	OF	MX	KWB9-63
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■ OF Auxiliary Contact

Type code	Rated voltage (V)	Rated current (A)
AC-12	230	4
AC-14	230	2
DC-12	110	0.5
DC-12	48	1

- Dielectric strength: 1500V/1 min
- Performance under conditional short-circuit current (with 6 A Backup Fuse): 1 kA
- Electro-mechanical endurance:≥5000

■ MX Shunt Trip

Type code	Rated voltage (V)
AC	AC 230V
DC	DC 24/48V

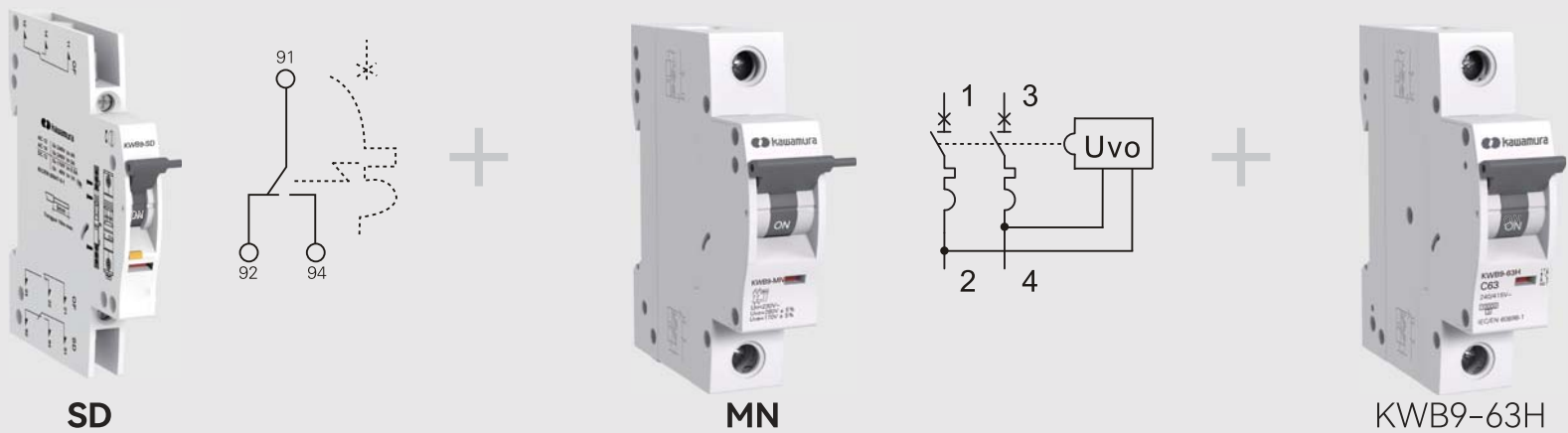
- Rated insulation voltage(Ui): 500V
- Operate voltage range: 70-110% Us
- Dielectric strength: 2kV/1 min
- Electro-mechanical endurance:≥4000
- Mounting on the left side of MCB/RCBO, used to trip the combined MCB/RCBO by remote controlling device.

KWB9 Series

Circuit Breaker Accessories

Application

Applicable to MCB model KWB9-63, used to control remote signaling device, is used to indicate remote fault tripping and "ON" or "OFF" position of associated devices.



Combination scheme

SD	KWB9-63	SD	MN	KWB9-63
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SD Alarm Switch

Type code	Rated voltage (V)	Rated current (A)
AC-12	230	4
AC-14	230	2
DC-12	110	0.5
DC-12	48	1

- Dielectric strength: 1500V/1 min
- Current-Limiting Short-Circuit Current (with 6 A Backup Fuse): 1 kA
- Electro-mechanical endurance:≥5000

MN Over-voltage/Under-voltage Tripper

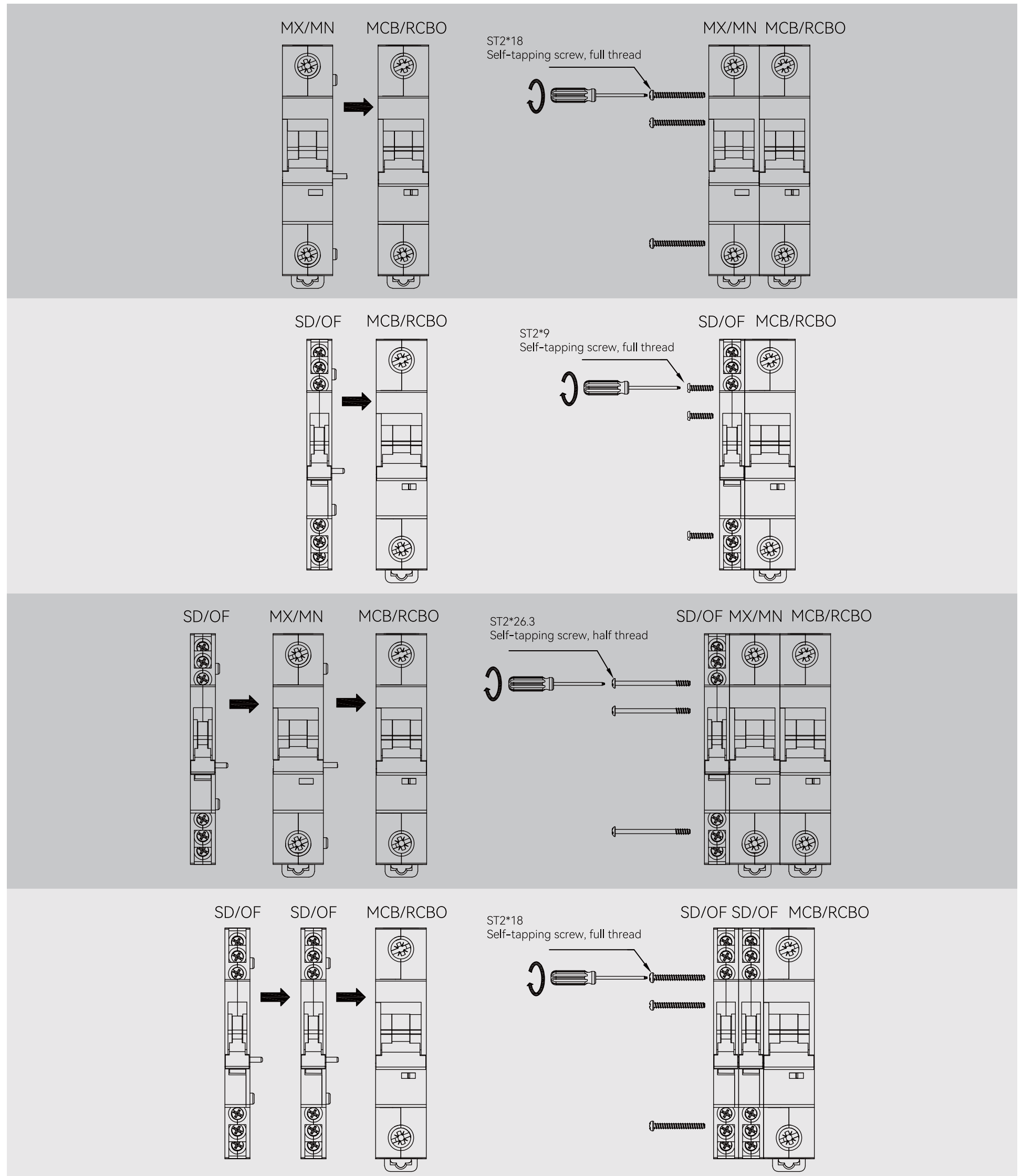
Type code	Rated voltage (V)
MN230V	AC 230

- Rated insulation voltage(Ui): 500V
- Over-voltage tripping range: 280V±5%
- Under-voltage tripping range: 170V±5%
- Electro-mechanical endurance:≥ 4000
- Mounted on the left side of circuit breaker, actuate the combined device to trip in case of under-voltage or over-voltage, effectively prevent the device from closing operation under abnormal power voltage condition.

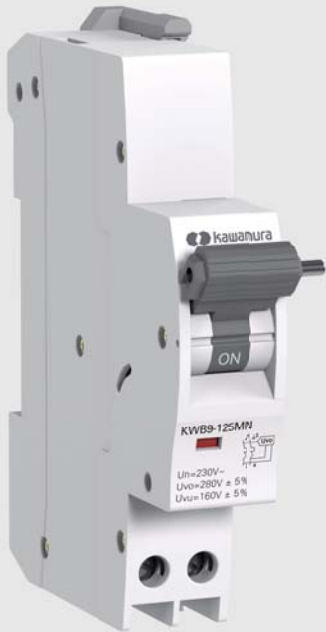
KWB9 Series

Circuit Breaker Accessories

■ Assembly Schematic Diagram



KWB9-125MN Series		Circuit Breaker Accessories	
Rated voltage(V)		AC 230	
Rated frequency(Hz)		50/60Hz	
Rated insulation voltage Ui(V)		500	
Rated impulse withstand voltage Uimp(kV)		4	
Undervoltage Trip Range		80.5~160V AC	Tripping Time ≤ 800ms
Overvoltage Trip Range		280+5% VAC	Tripping Time ≤ 800ms
Ambient temperature(°C)		-20~+55,Max.95%humidity	
Storage temprature (°C)		-20~+55	
Electric endurance		4000	
Mechanical endurance		10000	
Protection degree		IP20	
Applicable products		MCB	
		KWB9-125H/M/L	



KWB9-125MN

KWB9-125MX Series		Circuit Breaker Accessories	
Rated voltage(V)		AC 230/400	DC 24/48
Rated frequency(Hz)		50/60Hz	
Rated insulation voltage Ui(V)		500	
Rated impulse withstand voltage Uimp(kV)		4	
Tripping Voltage		(70%~110%) Us	Us=Ue; Tripping Time ≤ 100ms
Ambient temperature(°C)		-20~+55,Max.95%humidity	
Storage temprature (°C)		-20~+60	
Electric endurance		4000	
Mechanical endurance		10000	
Protection degree		IP20	
Applicable products		MCB	
		KWB9-125H/M/L	



KWB9-125MX

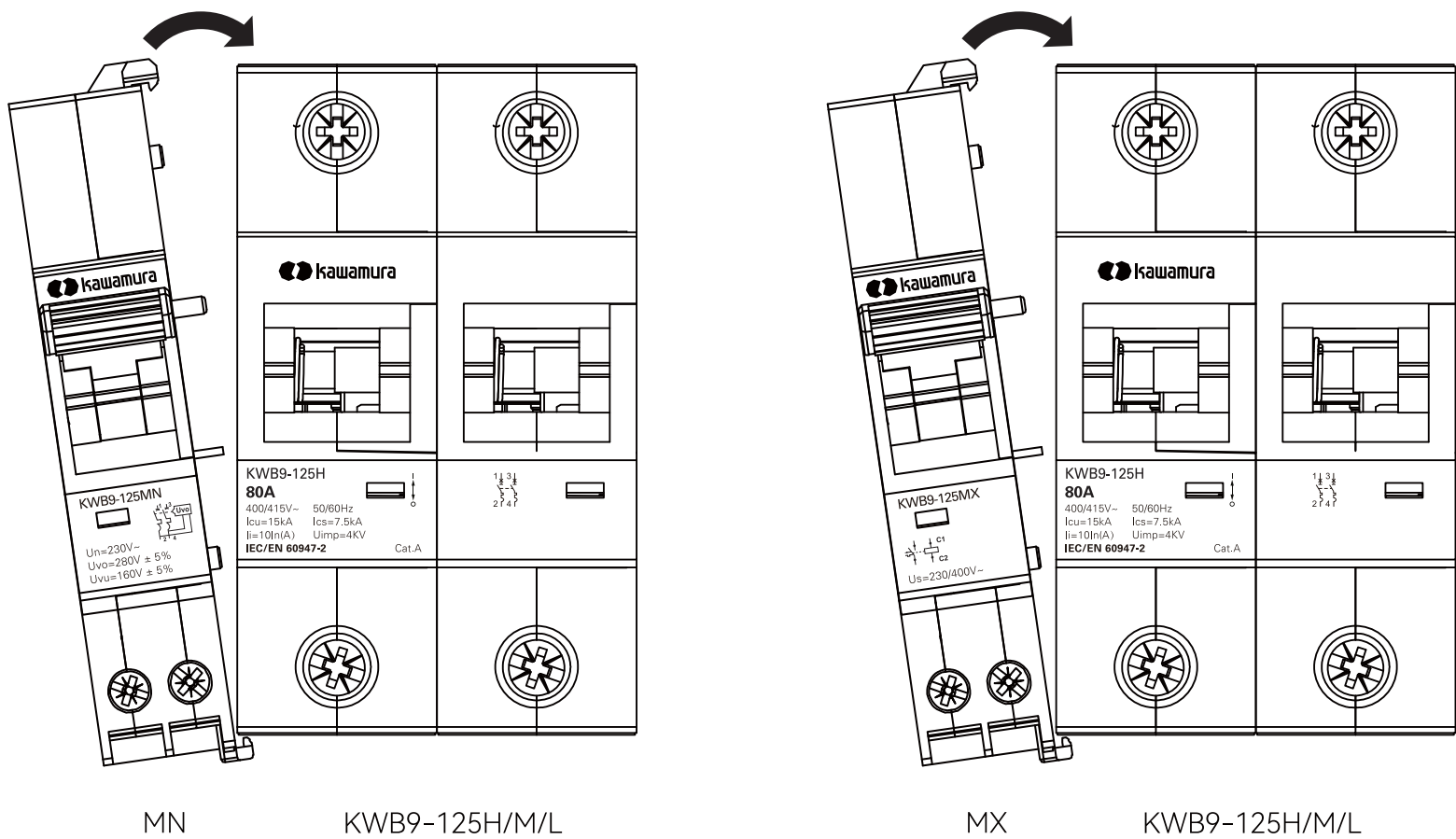
KWB9-125MN/MX Series

Circuit Breaker Accessories

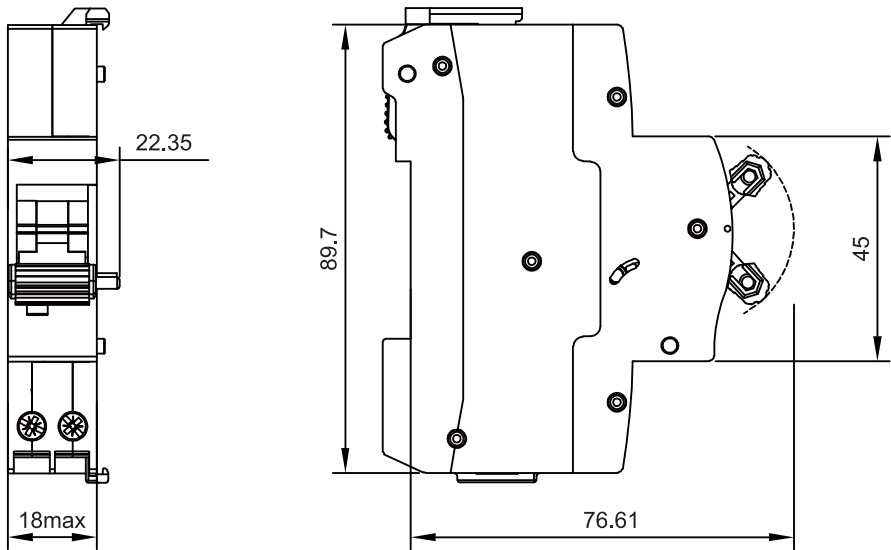
Installation

Incoming & outgoing wiring requirement	Supports forward and reverse connection
Mounting method	Left-side assembly, snap-in assembly type
Wiring capacity	Solid wire: 1-6 mm ² Stranded wire: 1-4 mm ²
Screw / Tightening torque	M3.5 / 0.8 N·m

Assembly Schematic Diagram



Overall and mounting dimensions



Selection Guide

■ MCB Ordering Instructions

When ordering circuit breakers, the following items must be clearly specified:

- ☐ Product model and specification
- ☐ Number of poles
- ☐ Rated current
- ☐ Trip unit type
- ☐ Order quantity

Example:

For an order of KWB9-63H Miniature Circuit Breaker (MCB) with a rated current of 32A, 1-pole, C-type trip characteristic, quantity 1000 units, the order specification shall be written as: KWB9-63H/1P, C32, 1000 units.

■ RCCB/RCBO Ordering Instructions

When ordering circuit breakers, the following items shall be clearly specified:

- ☐ Product model and name
- ☐ Number of poles
- ☐ Rated current
- ☐ Tripping curve
- ☐ Rated residual operating current
- ☐ Type of residual current operation
- ☐ Order quantity

Example:

For an order of KWB9LE-32H RCBO, rated current 32A, number of poles 1P+N, tripping curve Type C, type of residual current operation Type AC, rated residual operating current 30mA, order quantity 100 units.

The order shall be written as: KWB9LE-32H C32 1P+N 30mA AC 100 units.

■ MCB Auxiliary Accessories (MX/MN/OF/SD) Ordering Instructions

When ordering MCB auxiliary accessories, the following items shall be clearly specified:

- ☐ Product model & accessory type
- ☐ Matched MCB model
- ☐ Rated control voltage (for MX/MN only)
- ☐ Contact configuration (for OF/SD only)
- ☐ Order quantity

Example:

MX (Shunt Trip): MCB model KWB9-63H, voltage 230V AC, quantity 50 units

The order shall be written as: MX KWB9-63H 230V AC 50 units