

## EPBA Series Circuit Breaker Accessories

### Technical data

<b>Standard</b>	EN/ IEC 62019
<b>Rated insulation voltage Ui</b>	500V
<b>Rated voltage</b>	AC 230V
<b>Rated frequency(Hz)</b>	50/60Hz
<b>Utilization catagory</b>	AC14,AC15
<b>Ambient temperature(°C)</b>	-5~+40, max 95%humidity
<b>Storage temprature (°C)</b>	-40~+75
<b>Electric endurance</b>	4000
<b>Mechanical endurance</b>	10000
<b>Dielectric strength</b>	2000V/1min
<b>Protection degree</b>	IP20



EPBA-OF

EPBA-SD

EPBA-MN

EPBA-MX

EPB-63M-1P

## Application

Applicable to MCB model EPB-63, used to control remote signaling device.



## Combination scheme

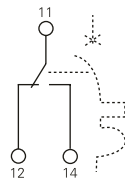
OF	EPB-63	OF	MX	EPB-63
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## OF Auxiliary Contact

Type code	Rated voltage (V)	Rated current (A)
OF23A	230AC	6
OF40A	400AC	3
OF24D	24 DC	6
OF48D	48 DC	2



OF



Dielectric strength: 2kV/1 min

Electro-mechanical endurance:  $\geq 5000$

Mounted on the left side of the MCB EPB-63, indicating "ON", "OFF" status of combined MCB.

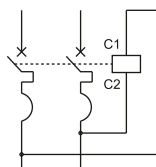
Terminal Connection Height: H1 = 31 mm H2 = 16mm H3 = 1.3mm

## MX Shunt Tripper

Type code	Rated voltage (V)
MX23A	230AC
MX40A	400AC
MX24D	24 DC
MX48D	48 DC



MX



Rated insulation voltage( $U_i$ ): 500V

Operate voltage range: 70-100%  $U_s$

Contact capacity: AC:3A/400V, AC:6A/230V, AC:9A/125V

Dielectric strength: 2kV/1 min

Electro-mechanical endurance:  $\geq 4000$

Mounting on the left side of MCB/RCBO, used to trip the combined MCB/RCBO by remote controlling device.

Terminal Connection Height: 19mm

## Application

Applicable to MCB model EPB-63, used to control remote signaling device.



## Combination scheme

SD	EPB-63	SD	MN	EPB-63
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## SD Alarm Switch

Type code	Rated voltage (V)	Rated current (A)
SD23A	230AC	6
SD40A	400AC	3
SD24D	24 DC	6
SD48D	48 DC	2

Rated insulation voltage ( $U_i$ ): 500V

Operate voltage range: 70~ 100%  $U_s$

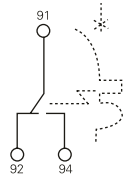
Dielectric strength: 2KV/1 min

Electro-mechanical endurance:  $\geq 4000$

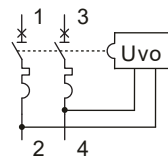
Is used to connect ON/OFF auxiliary contact, work as circuit breaker ON/OFF indicator in case of faulty (tripping)



SD



MN



## MN Over-voltage/Under-voltage Tripper

Type code	Rated voltage (V)
MN23A	230AC

Rated insulation voltage ( $U_i$ ): 500V

Over-voltage tripping range:  $280V \pm 5\%$

Under-voltage tripping range:  $170V \pm 5\%$

Electro-mechanical endurance:  $\geq 4000$

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.

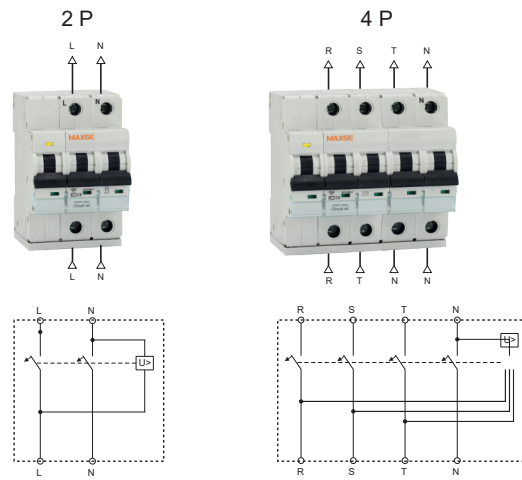
## Technical data



UVT

Code No.	UVT
Current	25A, 40A, 63A
Dimension	Poles: 2P 4P Size: 58mm 90mm
Voltage range	2P: 230VAC, 4P: 415VAC
Function range	2P: 280VAC, 4P: 480VAC

### Wire diagram



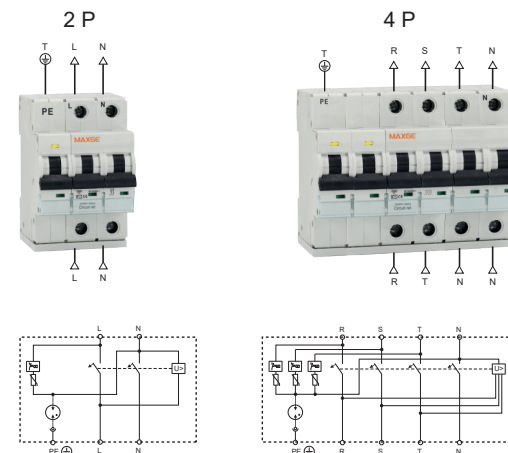
## Technical data



UVT + SPD

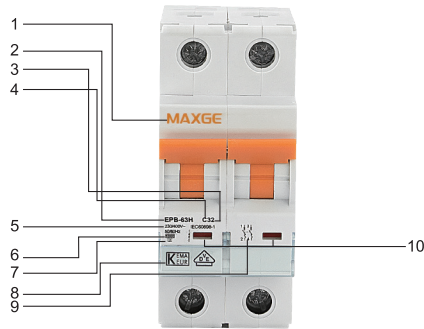
Code No.	UVT+SPD
Current	25A, 32, 40A, 63A
Dimension	Poles: 2P 4P Size: 58mm 108mm
Capacity	Type 2 - 15kA max
Voltage range	2P: 230VAC, 4P: 415VAC
Function range	2P: 280VAC, 4P: 480VAC

### Wire diagram



## 1. Benefits

- 1.Brand
2. Type
3. Rated current
4. Tripping type
5. Rated voltage
6. Breaking capacity
7. Energy Limiting
8. Approval
9. Electrical wiring diagram
10. ON/OFF indication



- ◆ Attractive device design
- ◆ Easily recognized, color-coded switching position
- ◆ Indication integrated in the handle.

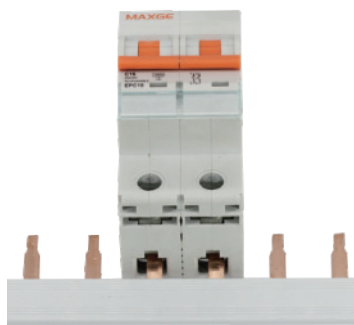
- ◆ Well matched with RCCB EPR-2



- ◆ Well matched with Isolator EPI-R

- ◆ Auxiliary contacts can be added on the left side of the MCB

- ◆ Ergonomic handle for user-friendly switching



- ◆ Safety terminal:
  - easy wiring
  - protection degree IP20.
- ◆ Pozidriv and slot screw head. Torque up to 4 N.m.

- ◆ MCB and RCCB can be connected with PIN type busbar both at the top and bottom terminals.with easy DIN-rail extraction.

- ◆ MCB and RCCB can be connected with FORK type busbar both at the top and bottom terminals.with easy DIN-rail extraction.