



## MCB.P C-3p+N-50A

MCB.P C-3p+N-50A, Circuit breaker

Code: P20228.

- > Poles: 4
- > In (A): 50 A
- > Curve: C

### Description

**MCB-P** or **MCB-T** are circuit-breakers that combine the functions of a circuit breaker (overload and short-circuit protection) and those of a contactor on the same element. There are two options with **MCB**:

- Closed circuit-breaker: Allows remote control functions (contactor function). It can be disconnected and reconnected electrically with the adequate signal.
- Circuit-breaker opened by an overload or short-circuit trip or by manual disconnection: remote control reset is not allowed, only manually.

The remote control function works on the same contacts as those of the circuit breaker, guaranteeing the disconnection in each case. The **MCB-T** type includes a remote control module with two auxiliary, potential free (three-wire) contacts that indicate the status of the **MCB** at the input of the remote control (contactor function) and/or the circuit breaker.

### Application

MCB are the perfect elements to guarantee self-reclosing residual current and overload protection applications, connected to WRKRT-25 relays.



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Circuit breaker

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## Specifications

### AC power supply

Frequency	50 / 60 Hz.
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### Mechanical characteristics

Size (mm) width x height x depth	90 x 90 x 68 (mm)
Weight (kg)	0,615

### Environmental characteristics

Protection class	IP 20 (according to DIN40050)
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### Digital relay outputs

Maximum current	0,5 A
Maximum open contact voltage	230 V ~
Mechanical life	> 20000 operations

### Differential protection

Sensitivity (IΔn), A	50
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### Thermal-magnetic protection

Trip curve, Type	C
Nominal voltage	210 / 240 V ~

Only for operation with WRU-10K C curve circuit breaker with a 6 kA cut off power (IEC 60898); optional D curve (up to 32 A), for an additional charge of 10%



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## Dimensions

