



MCB.P C-3p+N-20A

MCB.P C-3p+N-20A, Circuit breaker

Code: P20224. (CONSULTAR DISPONIBILIDAD)

- > Poles: 4
- > In (A): 20 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. |
|-----------|-------------|

Mechanical characteristics

| | |
|----------------------------------|-------------------|
| Size (mm) width x height x depth | 90 x 90 x 68 (mm) |
|----------------------------------|-------------------|

| | |
|-------------|-------|
| Weight (kg) | 0,615 |
|-------------|-------|

Environmental characteristics

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|------------------|-------------------------------|
| Protection class | IP 20 (according to DIN40050) |
|------------------|-------------------------------|

Digital relay outputs

| | |
|-----------------|-------|
| Maximum current | 0,5 A |
|-----------------|-------|

| | |
|------------------------------|---------|
| Maximum open contact voltage | 230 V ~ |
|------------------------------|---------|

| | |
|-----------------|--------------------|
| Mechanical life | > 20000 operations |
|-----------------|--------------------|

Differential protection

| | |
|-----------------------------------|----|
| Sensitivity ($I_{\Delta n}$), A | 20 |
|-----------------------------------|----|

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

