



RECB-4P-63-30

RECB-4P-63-30, RCCB with self-reclosing system, type B

Code: P26G31.

- > Poles: 4
- > In (A): 63 A
- > Reclosing mode: Time
- > Sensitivity: 30 mA
- > Breaking element: built-in
- > Type of protection: Type B

Description

RECB is a 4-pole type B RCCB for single or three-phase installations linked to a smart reclosing motor, which enables safe reclosing of the corresponding RCCB. Compact device, installed as an RCCB, no need for any wiring between the motor and the RCCB.

This device's reclosing system or mode is timed to ensure continuity of power supply. The device has a blocking system to control operation in manual or automatic mode (reclosing enabled).

Application

Residual current protection device for all those electrical loads needing type B residual current protection and full, continuous power supply that are faced with unforeseen incidents not caused by electric insulation which cause the RCCB to trip.

- Service sector: Air conditioning, cold storage rooms, UPSs, etc.
- Industrial Sector: speed variators, UPSs, electrical machinery, industrial process systems.
- Photovoltaic applications.
- Electric vehicle charging points.



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Self-reclosing RCCB

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Specifications

AC power supply

| | |
|-----------------|-----------------------|
| Consumption | 5 VA |
| Frequency | 50 / 60 Hz, $\pm 5\%$ |
| Nominal voltage | 230 V $\sim \pm 15\%$ |

Mechanical characteristics

| | |
|----------------------------------|--------------------------|
| Size (mm) width x height x depth | 91 x 101.55 x 81 (mm) |
| Envelope | Plastic V0 polycarbonate |
| Fastening | DIN rail |
| Weight (kg) | 0,44 |

Environmental characteristics

| | |
|--|-----------------|
| Protection class | IP20 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Storage temperature | -35 ... +65 °C |
| Working temperature | -25 ... + 55 °C |

Standards

| | |
|--|---|
| Electrical safety, Maximum height (m) | 2000 |
| Electrical safety, Contamination level/class | Category 2 |
| Standards | UNE-EN 61008-1, UNE-EN 50557, IEC 62423 |

Circuit breaker / RCCB

| | |
|--|--|
| Rated conditional short-circuit current (I _{nc}) | 10 kA to 230/400V with gB 80A fuse |
| Assigned frequency (Hz) | 50/60 |
| Rated breaking and re-closure capacity (I _m) | 500 A |
| Shock wave resistance | Class A, AC: 250A 8/20 μ s Class S: 3000A 8/20 μ s |
| Rated nominal voltage (U _n) | 230 V \sim / 400 V \sim |

Differential protection

| | |
|------|--------|
| Type | Type B |
|------|--------|

RECB

RCCB with self-reclosing system, type B

| CODE | TYPE | Poles | I _n (A) | Reclosing mode | Breaking element |
|---------|----------------|-------|--------------------|----------------|------------------|
| P26G21. | RECB-4P-40-30 | 4 | 40 A | Time | built-in |
| P26G23. | RECB-4P-40-300 | 4 | 40 A | Time | built-in |



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|---------|----------------|-------|--------|----------------|------------------|
| P26G31. | RECB-4P-63-30 | 4 | 63 A | Time | built-in |
| P26G33. | RECB-4P-63-300 | 4 | 63 A | Time | built-in |

3 reconnections: 3, 20, 180 s.



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Dimensions

