



RECB-C-4P-40-300

RECB-C-4P-40-300, RCCB with reclosing system, type B

Code: P26M01.

- > Poles: 4
- > In (A): 40 A
- > Reclosing mode: remote control
- > Sensitivity: 300 mA
- > Breaking element: built-in
- > Type of protection: Type B

Description

RECB-C 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.

The reconnection system or mode of this device is via remote input.

The device has an additional input for a remote trip, and an output indicating the status of the switch.

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.



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Self-reclosing RCCB

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Specifications

DC power supply

| | |
|-----------------|----------------------|
| Consumption | 6 W |
| Nominal voltage | 12Vdc ($\pm 10\%$) |

Electrical characteristics

| | |
|---------------------|-------------|
| Electrical lifetime | 2000 cycles |
|---------------------|-------------|

Mechanical characteristics

| | |
|----------------------------------|--------------------------|
| Size (mm) width x height x depth | 91 x 115.6 x 81 (mm) |
| Envelope | Plastic V0 polycarbonate |
| Fastening | DIN rail |
| Weight (kg) | 0,6 |

Environmental characteristics

| | |
|--|--|
| Protection class | IP20 |
| Relative humidity (without condensation) | 5 ... 95 % |
| Storage temperature | -40 ... +70 °C |
| Operating temperature | Earth leakage protection: -25 ... +65 °C Reclosing: -10 ... +70 °C |

Current measurement circuit

| | |
|----------------------|------|
| Nominal current (In) | 40 A |
|----------------------|------|

Digital inputs

| | |
|------------------------------|----------------|
| Input impedance | 4.4 K Ω |
| Quantity | 2 |
| Maximum open circuit voltage | 24 Vdc |

Standards

| | |
|--|------------------------|
| Electrical safety, Maximum height (m) | 2000 |
| Electrical safety, Installation category | CAT III |
| Electrical safety, Contamination level/class | Pollution resistance 2 |
| Standards | IEC 63024, IEC 62423 |

User interface

| | |
|-----|-------|
| LED | 2 LED |
|-----|-------|

Circuit breaker / RCCB

| | |
|--|-------|
| Rated conditional short-circuit current (I _{nc}) | 10 kA |
| Nominal current (I _n) | 40 A |



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| | |
|---|-------|
| Assigned frequency (Hz) | 50 |
| Rated breaking and re-closure capacity (Im) | 630 A |

Digital transistor outputs

| | |
|-----------------|-------------|
| Quantity | 1 |
| Type | Optocoupler |
| Maximum voltage | 24 V dc |

Differential protection

| | |
|--------------------------------|----------------|
| Sensitivity ($I\Delta n$), A | 0,3 / 300 mAdc |
|--------------------------------|----------------|

RECB-C

Reclosing RCCB with status output

| CODE | TYPE | Poles | In (A) | Reclosing mode | Breaking element |
|---------|------------------|-------|--------|----------------|------------------|
| P26M01. | RECB-C-4P-40-300 | 4 | 40 A | remote control | built-in |
| P26M11. | RECB-C-4P-63-300 | 4 | 63 A | remote control | built-in |



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Dimensions

