## RCCB 4P 25A 30mA AC Class

### Technical Features

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|---|---|
| **Architecture** | |
| Type of pole | 3P+N |
| Number of poles | 4 |
| **Electric current** | |
| Rated current | 25 A |
| Rated residual operating current Idn | 30 mA |
| Breaking and opening capacity Idm | 0.63 kA |
| Rated conditional short-circuit current Inc according to EN61008-1 | 10 kA |
| Rated current -25°C | 25 A |
| Rated current at -20°C | 25 A |
| Rated current -15°C | 25 A |
| Rated current -10°C | 25 A |
| Rated current -5°C | 25 A |
| Rated current at 0°C | 25 A |
| Rated current 5°C | 25 A |
| Rated current 10°C | 25 A |
| Rated current 15°C | 25 A |
| Rated current at 20°C | 25 A |
| Rated current 25°C | 25 A |
| Rated current 30°C | 25 A |
| Rated current 35°C | 25 A |
| Rated current at 40°C | 25 A |
| Rated current at 45°C | 25 A |
| Rated current at 50°C | 25 A |
| Rated current 55°C | 25 A |
| Rated current 60°C | 25 A |
| Rated current 65°C | 22 A |
| Rated current 70°C | 18 A |
| **Installation, mounting** | |
| Nominal tightening torque top terminal | 2.80 - 2.80 Nm |
| Nominal tightening torque down terminal | 2.80 - 2.80 Nm |
| **Connectivity** | |
| Type of connection | Screw terminal |
| **Voltage** | |
| Rated operational voltage Ue | 230 - 400 V |
| Type voltage supply | AC |
| Rated insulation voltage Ui | 500 V |
| Rated impulse withstand voltage Uimp | 4000 V |
| Max. operating voltage | 440 V |
| **Frequency** | |
| Frequency | 50 - 50 Hz |
| **Capacity** | |
| Number of modules | 4 |
| **Compatibility** | |
| Suitable for DIN Rail | Yes |
| **Safety** | |
| Residual current type | AC |
| Ingress Protection (IP) class | IP20 |
| **Installation, mounting** | |
| Type of top connection for modular devices | Screw terminal |

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|---|---|
| **Installation, mounting** | |
| Type of bottom connection for modular devices | biconnect |
| Nominal tightening torque | 2.80 - 2.80 Nm |
| **Connection** | |
| Cross-section of output with screws, for massive conductors | 1 - 25 $mm^2$ |
| Cross-section of output with screws, for flexible conductors | 1 - 16 $mm^2$ |
| Cross-section flexible conductor | 16 $mm^2$ |
| Cross-section rigid conductor | 25 $mm^2$ |
| Cross-section of input and output with screws, for flexible conductors | 1 - 16 $mm^2$ |
| Cross-section of input and output with screws, for massive conductors | 1 - 25 $mm^2$ |
| **Power** | |
| Total power loss under IN | 4.50 W |
| **Use conditions** | |
| Max. altitude | 2000 m |
| Operating temperature | -25 - 40 °C |
| **Endurance** | |
| Electric endurance in number of cycles | 2000 |
| Number of mechanical operations | 4000 |
| **Connectivity** | |
| Top connection alignment for modular devices | Aligned terminal |
| Down connection alignment for modular devices | Aligned terminal |
| **Dimensions** | |
| Height | 83 mm |
| Width | 70 mm |
| Depth | 70 mm |
| **Sustainability** | |
| RoHS conform | Yes |