



CFB663E

### RCCB 3P+N 63A 300mA B

#### Technical Features

##### Architecture

|              |      |
|--------------|------|
| Type of pole | 3P+N |
|--------------|------|

##### Electric current

|  |         |
|--|---------|
| Rated current  | 63 A    |
| Rated residual operating current Idn   | 300 mA  |
| Breaking and opening capacity Idm  | 0.80 kA |
| Rated conditional short-circuit current I <sub>nc</sub> according to EN61008-1 | 10 kA   |
| Rated current -25°C  | 63 A    |
| Rated current at -20°C   | 63 A    |
| Rated current -15°C  | 63 A    |
| Rated current -10°C  | 63 A    |
| Rated current -5°C   | 63 A    |
| Rated current at 0°C   | 63 A    |
| Rated current 5°C  | 63 A    |
| Rated current 10°C   | 63 A    |
| Rated current 15°C   | 63 A    |
| Rated current at 20°C  | 63 A    |
| Rated current 25°C   | 63 A    |
| Rated current 30°C   | 63 A    |
| Rated current 35°C   | 63 A    |
| Rated current at 40°C  | 63 A    |
| Rated current at 45°C  | 63 A    |
| Rated current at 50°C  | 63 A    |
| Rated current 55°C   | 63 A    |
| Rated current 60°C   | 63 A    |
| Rated current 65°C   | 55 A    |
| Rated current 70°C   | 50 A    |

##### Installation, mounting

|   |                |
|---|----------------|
| Nominal tightening torque top terminal  | 3.60 - 3.60 Nm |
| Nominal tightening torque down terminal | 3.60 - 3.60 Nm |

##### Voltage

|  |             |
|--|-------------|
| Rated operational voltage Ue                                 | 230 - 400 V |
| Type voltage supply  | AC          |
| Rated insulation voltage Ui                                  | 400 V       |
| Dielectric strength value of power frequency                 | 2 kV        |
| Rated impulse withstand voltage U <sub>imp</sub>             | 4000 V      |
| Rated impulse withstand voltage U <sub>imp</sub> IEC 60947-3 | 6000 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         | B    |
| Ingress Protection (IP) class | IP20 |

##### Installation, mounting

|   |                |
|---|----------------|
| Type of top connection for modular devices    | Screw terminal |
| Type of bottom connection for modular devices | biconnect      |

**Connection**

|  |                        |
|--|------------------------|
| Cross-section of output with screws, for massive conductors  | 1 - 25 mm <sup>2</sup> |
| Cross-section of output with screws, for flexible conductors | 1 - 16 mm <sup>2</sup> |

**Power**

|                           |        |
|---------------------------|--------|
| Total power loss under IN | 9.29 W |
|---------------------------|--------|

**Use conditions**

|                       |             |
|-----------------------|-------------|
| Max. Altitude         | 2000 m      |
| Operating temperature | -25 - 70 °C |

**Endurance**

|  |       |
|--|-------|
| Electric endurance in number of cycles | 10000 |
| Number of mechanical operations        | 20000 |

**Connectivity**

|   |                  |
|---|------------------|
| Type of connection                            | Screw terminal   |
| Top connection alignment for modular devices  | Aligned terminal |
| Down connection alignment for modular devices | Aligned terminal |

**Dimensions**

|        |       |
|--------|-------|
| Height | 85 mm |
| Width  | 72 mm |
| Depth  | 70 mm |