



CFB463F

## RCCB 4P 63A 300mA B

Product Datasheet

### Architecture

|                  |          |
|------------------|----------|
| Neutral position | left     |
| Number of poles  | 4 P      |
| Fixing mode      | Din-Rail |

### Functions

|          |    |
|----------|----|
| Sealable | no |
|----------|----|

### Compatibility

|                                   |     |
|-----------------------------------|-----|
| Compatible with DIN rail mounting | yes |
|-----------------------------------|-----|

### Controls and indicators

|                            |     |
|----------------------------|-----|
| Ground fault signalisation | yes |
|----------------------------|-----|

### Main electrical features

|                              |             |
|------------------------------|-------------|
| Rated operational voltage Ue | 230 / 400 V |
| Frequency                    | 50 Hz       |

### Voltage

|                                 |        |
|---------------------------------|--------|
| Rated insulation voltage        | 500 V  |
| Rated impulse withstand voltage | 4000 V |

### Electric current

|   |         |
|---|---------|
| Rated residual operating current                                    | 300 mA  |
| Rated current   | 63 A    |
| Withstand not tripping on 8-20 $\mu$ s wave                         | 3 kA    |
| Breaking and opening capacity                                       | 0,63 kA |
| Rated conditional short-circuit current Inc according to EN 61008-1 | 10 kA   |

### Electric current / temperature

|                     |      |
|---------------------|------|
| Rating current 30°C | 63 A |
|---------------------|------|

### Frequency

|           |       |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

### Power

|                           |       |
|---------------------------|-------|
| Total power loss under IN | 9,3 W |
| Power loss per pole at In | 3,1 W |

### Tripping

|                                     |     |
|-------------------------------------|-----|
| Protected against nuisance tripping | yes |
| Short-time delayed tripping         | no  |

**Endurance**

|  |       |
|--|-------|
| Electric endurance in number of cycles | 2000  |
| Number of mechanical operations        | 10000 |

**Dimensions**

|                               |       |
|-------------------------------|-------|
| Depth of installed product    | 70 mm |
| Height of installed product   | 85 mm |
| Construction size (DIN 43880) | 1     |

**Installation, mounting**

|   |            |
|---|------------|
| Type of top connection for modular devices    | with screw |
| Tightening torque                             | 3          |
| Type of Bottom Connection for modular devices | Blconnect  |
| Top removability for modular devices          | no         |
| Bottom removability for modular devices       | yes        |

**Connection**

|  |                          |
|--|--------------------------|
| Connection cross-section at output with screw, for massive conductor             | 1,5 / 50 mm <sup>2</sup> |
| Connection cross-sect. flexible conductor  | 1,5 / 50mm <sup>2</sup>  |
| Connection cross-sect. rigid cable   | 1,5 / 50mm <sup>2</sup>  |
| Connection cross-section for rigid conductor, upstream terminals with screws     | 1,5 / 50 mm <sup>2</sup> |
| Connection cross-section of the access with screws, with flexible conductor      | 1,5 / 16 mm <sup>2</sup> |
| Connection cross-section of input and output with screws, for massive conductors | 1,5 / 50 mm <sup>2</sup> |
| Connection cross section of access and exit with screws, for flexible conductor  | 1,5 / 16 mm <sup>2</sup> |
| Type of connection   | with screw               |

**Equipment**

|                                       |     |
|---------------------------------------|-----|
| With interlocking device              | no  |
| With transparent product label holder | yes |

**Standards**

|                         |           |
|-------------------------|-----------|
| European directive WEEE | concerned |
|-------------------------|-----------|

**Safety**

|                       |      |
|-----------------------|------|
| Protection index IP   | IP20 |
| Residual current type | B    |

**Use conditions**

|  |             |
|--|-------------|
| Operating temperature                                    | -25...70 °C |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2           |
| Altitude   | 2000 m      |
| Storage/transport temperature                            | -25...40 °C |