CFB525E

**RCCB 1P+N 25A 300mA B**

## Technical properties

### Architecture

| | |
|---|---|
| Neutral position | right |
| Number of poles | 2 P |
| Type of pole | 1P+N |

### Configuration

| | |
|---|---|
| Number of modules | 4 |

### Connectivity

| | |
|---|---|
| Top connection alignement for modular devices | Aligned terminal |
| Bottom connection alignement for modular devices | Aligned terminal |

### Main electrical features

| | |
|---|---|
| Rated operational voltage Ue | 230 V |
| Type of supply voltage | AC |
| Frequency | 50 Hz |

### Voltage

| | |
|---|---|
| Rated insulation voltage | 400 V |
| Max operating voltage | 253 V |
| Rated impulse withstand voltage | 4000 V |

### Electric current

| | |
|---|---|
| Rated residual operating current | 300 mA |
| Rated current | 25 A |
| Withstand not tripping on 8-20 µs wave | 5 kA |
| Breaking and opening capacity | 800 A |
| Rated conditional short-circuit current Inc according to EN 61008-1 | 10 kA |

### Electric current / temperature

| | |
|---|---|
| Rating current -25°C | 25 A |
| Rating current -20°C | 25 A |
| Rating current -15°C | 25 A |
| Rating current -10°C | 25 A |
| Rating current -5°C | 25 A |
| Rating current 0°C | 25 A |
| Rating current 5°C | 25 A |
| Rating current 10°C | 25 A |

| | |
|---|---|
| Rating current 15°C | 25 A |
| Rating current 20°C | 25 A |
| Rating current 25°C | 25 A |
| Rating current 30°C | 25 A |
| Rating current 35°C | 25 A |
| Rating current 40°C | 25 A |
| Rating current 45°C | 25 A |
| Rating current 50°C | 25 A |
| Rating current 55°C | 25 A |
| Rating current 60°C | 25 A |
| Rating current 65°C | 25 A |
| Rating current 70°C | 25 A |

**Dimensions**

| | |
|---|---|
| Depth of installed product | 70 mm |
| Height of installed product | 85 mm |
| Width of installed product | 72 mm |
| Construction size (DIN 43880) | 1 |

**Frequency**

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

**Power**

| | |
|---|---|
| Total power loss under IN | 1.77 W |

**Tripping**

| | |
|---|---|
| Short-time delayed tripping | No |

**Electrical specifications**

| | |
|---|---|
| Operating voltage for test button circuit | 195...265 V |

**Endurance**

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

**Installation, mounting**

| | |
|---|---|
| Type of top connection for modular devices | with screw |
| Type of top rail clip for modular devices | Plastic |
| Type of bottom rail clip for modular devices | plastic |
| Type of Bottom Connection for modular devices | BIconnect |
| Top removability for modular devices | Yes |
| Bottom removability for modular devices | Yes |

**Connection**

| | |
|---|---|
| Connection cross-section at output with screw, for flexible conductor | 1 / 16 mm² |
| Connection cross-section at output with screw, for massive conductor | 1 / 25 mm² |
| Connection cross-section for rigid conductor, upstream terminals with screws | 1 / 25 mm² |

| | |
|---|---|
| Connection cross-section of the access with screws, with flexible conductor | 1 / 16 mm² |

**Equipment**

| | |
|---|---|
| Quick connect | no |
| Type selective | No |
| Can be accessorized | Yes |
| With transparent product label holder | Yes |

**Standards**

| | |
|---|---|
| Standard text | EN 61008-1 ; EN 62423 |

**Safety**

| | |
|---|---|
| Residual current type | B |
| REACH conform | No |
| RoHS conform | Yes |
| Halogen free | No |

**Use conditions**

| | |
|---|---|
| Operating temperature | -25...70 °C |
| Degree of pollution according to IEC 60664 / IEC 60947-2 | 2 |
| Altitude | 2000 m |
| Storage/transport temperature | -55...70 °C |