



CFB440F

## RCCB 4P 40A 300mA B

Product Datasheet

### Architecture

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

### Functions

Sealable	no
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### Compatibility

Compatible with DIN rail mounting	yes
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### Controls and indicators

Ground fault signalisation	yes
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### 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	40 A
Withstand not tripping on 8-20 $\mu$ s wave	3 kA
Breaking and opening capacity	0,5 kA
Rated conditional short-circuit current Inc according to EN 61008-1	10 kA

### Electric current / temperature

Rating current 30°C	40 A
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### Frequency

Frequency	50 Hz
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### Power

Total power loss under IN	3,9 W
Power loss per pole at In	1,3 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
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**Safety**

Protection index IP	IP20
Residual current type	B

**Use conditions**

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