

## RCCB 2P 25A 100mA AC Class

### Technical Features

#### Architecture

Type of pole	1P+N
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#### Electric current

Rated current	25 A
Rated residual operating current $I_{dn}$	100 mA
Breaking and opening capacity $I_{dm}$	0.63 kA
Rated conditional short-circuit current $I_{nc}$ 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	25 A
Rated current 70°C	21 A

#### Installation, mounting

Nominal tightening torque top terminal	2.80 - 2.80 Nm
Nominal tightening torque down terminal	2.80 - 2.80 Nm

#### Voltage

Rated operational voltage $U_e$	230 - 230 V
Type voltage supply	AC
Rated insulation voltage $U_i$	500 V
Rated impulse withstand voltage $U_{imp}$	4000 V
Max. operating voltage	253 V

#### Frequency

Frequency	50 - 50 Hz
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#### Capacity

Number of modules	2
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#### Compatibility

Suitable for DIN Rail	Yes
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#### Safety

Residual current type	AC
Ingress Protection (IP) class	IP20

#### Installation, mounting

Type of top connection for modular devices	Screw terminal
Type of bottom connection for modular devices	biconnect
Nominal tightening torque	2.80 - 2.80 Nm

# Product Datasheet

## CE225B

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### Connection

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

### Power

Total power loss under IN	1.30 W
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### Use conditions

Max. Altitude	2000 m
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### Endurance

Electric endurance in number of cycles	2000
Number of mechanical operations	4000

### Connectivity

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

### Dimensions

Height	83 mm
Width	35 mm
Depth	70 mm

### Sustainability

RoHS conform	Yes
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