



CE485Z

RCCB 4P 100A 100mA AC Class

Technical Features

Architecture

Type of pole	4P
Number of poles	4

Electric current

Rated current	100 A
Rated residual operating current I _{dn}	100 mA
Breaking and opening capacity I _{dm}	1.50 kA
Rated conditional short-circuit current I _{nc} according to EN61008-1	6 kA
Rated current -25°C	100 A
Rated current at -20°C	100 A
Rated current -15°C	100 A
Rated current -10°C	100 A
Rated current -5°C	100 A
Rated current at 0°C	100 A
Rated current 5°C	100 A
Rated current 10°C	100 A
Rated current 15°C	100 A
Rated current at 20°C	100 A
Rated current 25°C	100 A
Rated current 30°C	100 A
Rated current 35°C	100 A
Rated current at 40°C	100 A
Rated current at 45°C	99 A
Rated current at 50°C	94 A
Rated current 55°C	90 A
Rated current 60°C	83 A
Rated current 65°C	72 A
Rated current 70°C	59 A

Installation, mounting

Nominal tightening torque top terminal	3.30 - 3.30 Nm
Nominal tightening torque down terminal	3.30 - 3.30 Nm

Voltage

Rated operational voltage U _e	240 - 415 V
Type voltage supply	AC
Rated insulation voltage U _i	500 V
Rated impulse withstand voltage U _{imp}	4000 V
Max. operating voltage	415 V

Frequency

Frequency	50 - 50 Hz
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Capacity

Number of modules	4
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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	Screw terminal
Nominal tightening torque	3.30 - 3.30 Nm

Connection

Cross-section of input and output with screws, for massive conductors	1 - 50 mm ²
Cross-section of input and output with screws, for flexible conductors	1 - 35 mm ²

Power

Total power loss under IN	30.20 W
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Use conditions

Max. Altitude	2000 m
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Endurance

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

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

Height	86 mm
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Width	70 mm
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Depth	70 mm
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