

RCCB 4P 125A 500mA A Class S

Technical Features

Electric current

Rated current	125 A
Rated residual operating current I _{dn}	500 mA
Breaking and opening capacity I _{dm}	1.25 kA
Rated conditional short-circuit current I _{nc} according to EN61008-1	6 kA

Voltage

Rated operational voltage U _e	230 - 400 V
Type voltage supply	AC
Rated insulation voltage U _i	500 V
Rated impulse withstand voltage U _{imp}	4000 V
Max. operating voltage	440 V

Frequency

Frequency	50 - 50 Hz
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Capacity

Number of modules	4
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Safety

Residual current type	A SEL
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	3.60 - 3.60 Nm

Connection

Cross-section of input and output with screws, for massive conductors	1.5 - 50.0 mm ²
Cross-section of input and output with screws, for flexible conductors	1.5 - 35.0 mm ²

Power

Total power loss under I _N	33.60 W
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Endurance

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

Connectivity

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

Dimensions

Height	85 mm
Width	71 mm
Depth	68 mm

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes