

**RCCB 4P 125A 500mA A Class S**

**Technical Features**

**Electric current**

Rated current	125 A
Rated residual operating current Idn	500 mA
Breaking and opening capacity Idm	1.25 kA
Rated conditional short-circuit current I <sub>nc</sub> according to EN61008-1	6 kA

**Voltage**

Rated operational voltage Ue	230 - 400 V
Type voltage supply	AC
Rated insulation voltage Ui	500 V
Rated impulse withstand voltage U <sub>imp</sub>	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 <sup>2</sup>
Cross-section of input and output with screws, for flexible conductors	1.5 - 35.0 mm <sup>2</sup>

**Power**

Total power loss under IN	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