



SBN499

## 4-pole, 125A Modular Switch

### Technical properties

#### Architecture

Neutral position	without neutral
Number of poles	4 P

#### Configuration

Number of modules	4
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#### Main electrical features

Rated operational voltage Ue	400 V
Frequency	50/60 Hz

#### Voltage

Rated insulation voltage	440 V
Type of voltage input 1	AC
Rated impulse withstand voltage	6000 V

#### Electric current

Rated operational current in AC21category B	125 A
Acceptable current rating with AC22 category A	125 A
Rated current	125 A
Rated short-time withstand current 1s	1.5 kA
Thermal rated current outside of housings	125 A
Rated operational current in AC21 category A	125 A
Acceptable current rating with AC22 category B	125 A

#### Dimensions

Depth of installed product	69 mm
Height of installed product	83 mm
Width of installed product	70 mm

#### Frequency

Frequency	50 to 60 Hz
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#### Power

Total power loss under IN	32 W
Power loss per pole at In	8 W

#### Endurance

Electrical durability at nominal load in AC21 in operating cycles	2500
Electrical durability at nominal load in AC22 in operating cycles	2500
Number of mechanical operations	40000
<b>Installation, mounting</b>	
Tightening torque	3,6Nm
<b>Connection</b>	
Cage clamp position	in line
Type of connection	with screw
<b>Equipment</b>	
Quantity of NC contacts	0
Quantity of NO contacts	4
Quantity of INV contacts	0
<b>Standards</b>	
Standard text	IEC 60947-3
<b>Safety</b>	
Protection index IP	IP20
REACH conform	Yes
RoHS conform	Yes
Halogen free	No
<b>Use conditions</b>	
Operating temperature	-20...50 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-40...80 °C