



SBN490

## 4-pole, 100A Modular Switch

### Technical properties

#### Architecture

Neutral position	without neutral
Number of poles	4 P
Type of pole	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 AC21 category B	100 A
Acceptable current rating with AC22 category A	100 A
Rated current	100 A
Rated short-time withstand current 1s	1.2 kA
Thermal rated current outside of housings	100 A
Rated operational current in AC21 category A	100 A
Acceptable current rating with AC22 category B	100 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	22 W
Power loss per pole at In	5.5 W

**Endurance**

Electrical durability at nominal load in AC21in operating cycles	2500
Electrical durability at nominal load in AC22 in operating cycles	2500
Number of mechanical operations	40000

**Connection**

Cage clamp position	in line
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**Equipment**

Quantity of NC contacts	0
Quantity of NO contacts	4
Quantity of INV contacts	0

**Standards**

Standard text	IEC 60947-3
European directive WEEE	not concerned

**Safety**

Protection index IP	IP20
REACH conform	Yes
RoHS conform	Yes
Halogen free	No

**Use conditions**

Operating temperature	-20...50 °C
Altitude	2000 m
Storage/transport temperature	-40...80 °C