



SBN333

### 3-pole, 32A Modular Switch with big terminals

#### Technical properties

##### Architecture

Number of poles	3
Neutral position	Without neutral
Type of pole	3P

##### Electric current

Rated current	32 A
Breaking capacity 400 V AC23A	677 A
Rated conditional short-circuit current I <sub>cc</sub> with gl-gG fuses	0.48 kA
Acceptable current rating AC21 category A	32 A
Acceptable current rating AC21 category B	32 A
Acceptable current rating AC22 category A	32 A
Acceptable current rating AC22 category B	32 A
Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3	0.67 kA
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	0.48 kA

##### Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
Type of bottom connection for modular devices	Screw terminal

##### Voltage

Rated operational voltage U <sub>e</sub>	400 - 400 V
Type voltage supply	AC
Rated insulation voltage U <sub>i</sub>	440 V
Rated impulse withstand voltage U <sub>imp</sub>	6,000 V

##### Capacity

Number of modules	3
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##### Safety

Ingress Protection (IP) class	IP20
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##### Frequency

Frequency	50 - 60 Hz
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##### Dimensions

Height	83 mm
Width	52.50 mm

Depth

68 mm

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**Equipment**

Number of NO contacts	3
Number of NC contacts	0

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**Use conditions**

Operating temperature	-20 - 70 °C
Storage/transport temperature	-40 - 80 °C

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**Connection**

Cross-section flexible conductor	2 - 16 mm <sup>2</sup>
Cross-section rigid conductor	2.5 - 25 mm <sup>2</sup>

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**Endurance**

Number of mechanical operations	60,000
Electrical durability at nominal load in AC21 in operating cycles	5,000
Electrical durability at nominal load in AC22 in operating cycles	5,000

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**Power**

Total power loss under IN	3.50 W
Power loss per pole at In	1.20 W

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**Connectivity**

Down connection alignment for modular devices	Shifted terminal
Top connection alignment for modular devices	Shifted terminal