



SBN433

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

#### Technical Features

##### Architecture

Number of poles	4
Neutral position	Without neutral
Type of pole	4P

##### Electric current

Rated current	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
Rated conditional short-circuit current I <sub>nc</sub> with fuse according to IEC/EN 6000A/80A gG parallel 32A gG 60669-2-4	

##### Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
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##### Voltage

Rated operational voltage U <sub>e</sub>	400 - 400 V
Type voltage supply	AC
Rated insulation voltage U <sub>i</sub>	440 V

##### Installation, mounting

Type of bottom connection for modular devices	Screw terminal
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##### Voltage

Rated impulse withstand voltage U <sub>imp</sub>	6000 V
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##### Capacity

Number of modules	2
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##### Safety

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

Frequency	50 - 60 Hz
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##### Dimensions

Depth	69 mm
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##### Equipment

Number of NO contacts	4
Number of NC contacts	0

##### Use conditions

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

##### Connection

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

##### Endurance

Number of mechanical operations	60000
Electrical durability at nominal load in AC21 in operating cycles	5000
Electrical durability at nominal load in AC22 in operating cycles	5000

##### Power

Total power loss under I <sub>N</sub>	4.70 W
Power loss per pole at I <sub>N</sub>	1.20 W

Product Datasheet

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Connectivity

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

Sustainability

REACH-SVHC free	Yes
RoHS conform	Yes