



SBN333

3-pole, 32A Modular Switch with big terminals

Technical Features

Architecture

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

Electric current

Rated current	32 A
Rated short-circuit making capacity I_{cm} under 415 V AC according to IEC 60947-3	0.67 kA
Rated short-time withstand current I_{cw} 1s IEC 60947	0.48 kA
Rated conditional short-circuit current I_{nc} with fuse according to IEC/EN 60669-2-4	6000A/80A gG parallel 32A gG

Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
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Voltage

Rated operational voltage U_e	400 - 400 V
Type voltage supply	AC

Installation, mounting

Type of bottom connection for modular devices	Screw terminal
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Voltage

Rated impulse withstand voltage U_{imp}	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

Width	52.50 mm
Depth	68 mm

Equipment

Number of NO contacts	3
Number of NC contacts	0

Use conditions

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

Connection

Cross-section rigid conductor	2.5 - 25 mm ²
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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 IN	3.50 W
Power loss per pole at IN	1.20 W

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