

Product Datasheet

SBN240



SBN240

2-pole, 40A Modular Switch

Technical Features

Architecture

Number of poles	2
Neutral position	Without neutral
Type of pole	2P

Electric current

Rated current	40 A
Acceptable current rating AC21 category A	40 A
Acceptable current rating AC21 category B	40 A
Acceptable current rating AC22 category A	40 A
Acceptable current rating AC22 category B	40 A
Rated short-circuit making capacity I _{cm} under 415 V AC according to IEC 60947-3	0.84 kA
Rated short-time withstand current I _{cw} 1s IEC 60947	0.60 kA
Rated conditional short-circuit current I _{nc} 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 _e	400 - 400 V
Type voltage supply	AC
Rated insulation voltage U _i	440 V
Rated impulse withstand voltage U _{imp}	6000 V

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

Height	83 mm
Width	35 mm
Depth	68 mm
Dimensions	83 x 35 mm

Equipment

Number of NO contacts	2
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 ²
Cross-section rigid conductor	2.5 - 25 mm ²

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

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Power	
Total power loss under IN	2.20 W
Power loss per pole at In	1.10 W
Connectivity	
Top connection alignment for modular devices	Aligned terminal
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes