

# Product Datasheet

## SBN232



SBN232

### 2-pole, 32A Modular Switch

#### Technical Features

##### Architecture

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

##### Electric current

Rated current	32 A
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 240 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 60669-2-4	3000A/50A gG

##### Installation, mounting

Nominal tightening torque	1.80 - 1.80 Nm
---------------------------	----------------

##### Voltage

Rated operational voltage U <sub>e</sub>	230 - 230 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
---	----------------

##### Voltage

Rated impulse withstand voltage U <sub>imp</sub>	4000 V
--	--------

##### Capacity

Number of modules	1
-------------------	---

##### Safety

Ingress Protection (IP) class	IP20
-------------------------------	------

##### Frequency

Frequency	50 - 60 Hz
-----------	------------

##### Dimensions

Height	83 mm
Width	17.50 mm
Depth	68 mm
Dimensions	83 x 17.50 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	1.5 - 10 mm <sup>2</sup>
Cross-section rigid conductor	1.5 - 16 mm <sup>2</sup>

##### Endurance

Number of mechanical operations	200000
Electrical durability at nominal load in AC21 in operating cycles	25000
Electrical durability at nominal load in AC22 in operating cycles	25000

Product Datasheet

SBN232

---

<b>Power</b>	
Total power loss under I <sub>N</sub>	3 W
Power loss per pole at I <sub>N</sub>	1.50 W
<b>Connectivity</b>	
Down connection alignment for modular devices	Shifted terminal
Top connection alignment for modular devices	Shifted terminal
<b>Sustainability</b>	
REACH-SVHC free	Yes
RoHS conform	Yes