



SBN225

## 2-pole, 25A Modular Switch

### Technical Features

#### Architecture

Number of poles	2
Type of pole	2P

#### Electric current

Rated current	25 A
Acceptable current rating AC21 category A	25 A
Acceptable current rating AC21 category B	25 A
Acceptable current rating AC22 category A	25 A
Acceptable current rating AC22 category B	25 A
Rated short-circuit making capacity I <sub>cm</sub> under 240 V AC according to IEC 60947-3	0.52 kA
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	0.37 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

---

**Power**

Total power loss under IN	1.80 W
Power loss per pole at In	0.90 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