



SBN463

## 4-pole, 63A Modular Switch

### Technical Features

#### Architecture

Number of poles	4
Type of pole	4P

#### Electric current

Rated current	63 A
Acceptable current rating AC21 category A	63 A
Acceptable current rating AC21 category B	63 A
Acceptable current rating AC22 category A	63 A
Acceptable current rating AC22 category B	63 A
Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3	1.33 kA
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	0.94 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
---------------------------	----------------

#### 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
---	----------------

#### Voltage

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

#### Capacity

Number of modules	4
-------------------	---

#### Safety

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

#### Frequency

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

#### Dimensions

Height	83 mm
Width	70 mm
Depth	69 mm
Dimensions	83 x 70 mm

#### 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 IN	9.20 W
Power loss per pole at In	2.30 W

**Connectivity**

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

**Compatibility**

Suitable for DIN Rail	Yes
-----------------------	-----

**Sustainability**

REACH-SVHC free	Yes
RoHS conform	Yes