



SBN364N

### 3-pole, 63A Modular Switch with big terminals

#### Technical characteristics

##### Architecture

Type of order	Toggle
Neutral position	without neutral
Number of poles	3 P
Type of pole	3 P

##### Configuration

Number of modules	3
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##### Main electrical features

Rated operational voltage Ue	415 V
Frequency	50/60 Hz

##### Voltage

Rated insulation voltage	440 V
Rated impulse withstand voltage	6000 V

##### Electric current

Rated operational current in AC21 category B	63 A
Acceptable current rating with AC22 category A	63 A
Rated current	63 A
Rated short-time withstand current 1s	0.945 kA
Thermal rated current outside of housings	63 A
Rated operational current in AC21 category A	63 A
Acceptable current rating with AC22 category B	63 A

##### Dimensions

Depth of installed product	68 mm
Height of installed product	83 mm
Width of installed product	52.5 mm

##### Frequency

Frequency	50 to 60 Hz
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##### Power

Total power loss under IN	10.4 W
Power loss per pole at In	3.5 W

**Endurance**

Electrical durability at nominal load in AC21 in operating cycles	2500
Electrical durability at nominal load in AC22 in operating cycles	2500
Number of mechanical operations	40000

**Installation, mounting**

Tightening torque	3,6Nm
Top removability for modular devices	No
Bottom removability for modular devices	No

**Connection**

Connection cross-sect. flexible conductor	6 / 35mm <sup>2</sup>
Connection cross-sect. rigid cable	6 / 50mm <sup>2</sup>
Cage clamp position	in line

**Equipment**

Quantity of NO contacts	3
Can be accessorized	Yes

**Standards**

Standard text	IEC 60947-3
European directive WEEE	concerned

**Safety**

Protection index IP	IP20
REACH conform	Yes
RoHS conform	Yes
Halogen free	No

**Use conditions**

Operating temperature	-20...50 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	2
Altitude	2000 m
Storage/transport temperature	-40...80 °C