



## 4P 16A Switch

SBN416

### Architecture

Type of order	Break switch
Neutral position	without neutral
Number of poles	4 P
Type of pole	4 P

### Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	400 V

### Voltage

Rated insulation voltage	440 V
Type of voltage input 1	AC
Rated impulse withstand voltage	4000 V

### Electric current

Rated operational current in AC21 category A	16 A
Rated operational current in AC21 category B	16 A
Acceptable current rating with AC22 category A	16 A
Acceptable current rating with AC22 category B	16 A
Short-circuit current with gI-gG fuses	240 A
Closing ability with 400V in AC23A	338 A
Rated short-circuit making capacity Icm under 415V AC according IEC 60947-3	338 A
Rated short-time withstand current 1s	0,24 kA
Thermal rated current outside of housings	16 A

### Power

Power loss per pole at In	0,4 W
Total power loss under IN	1,6 W

### Endurance

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

#### Dimensions

Depth of installed product	68 mm
Height of installed product	83 mm
Width of installed product	35 mm

#### Installation, mounting

Tightening torque	1,8Nm
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#### Connection

Cage clamp position	off set
Connection cross-sect. rigid cable	1,5 / 16mm <sup>2</sup>
Connection cross-sect. flexible conductor	1,5 / 10mm <sup>2</sup>
Type of connection	with screw

#### Equipment

Quantity of NO contacts	4
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#### Standards

Standard text	IEC 60947-3, IEC/EN 60669-2, IEC/EN 60669-4
European directive WEEE	concerned

#### Safety

Protection index IP	IP20
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#### Use conditions

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

#### Identification

Device family	SBN
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