

## 1P 32A Switch

### Architecture

Type of order	Break switch
Neutral position	without neutral
Number of poles	1 P
Type of pole	1 P

### Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	230 V

### Voltage

Rated insulation voltage	440 V
Type of voltage input 1	AC
Rated impulse withstand voltage	6000 V

### Electric current

Rated operational current in AC21 category A	32 A
Rated operational current in AC21 category B	32 A
Acceptable current rating with AC22 category A	32 A
Acceptable current rating with AC22 category B	32 A
Short-circuit current with gI-gG fuses	480 A
Closing ability with 400V in AC23A	677 A
Rated short-circuit making capacity Icm under 240V AC according IEC 60947-3	677 A
Rated short-time withstand current 1s	0,48 kA
Thermal rated current outside of housings	32 A

### Power

Power loss per pole at In	1,2 W
Total power loss under IN	1,2 W

### Endurance

Electrical durability at nominal load in AC21 in operating cycles	5000
Electrical durability at nominal load in AC22 in operating cycles	5000
Number of mechanical operations	60000

### Dimensions

Depth of installed product	68 mm
Height of installed product	83 mm
Width of installed product	17,5 mm

### Installation, mounting

Tightening torque	2,8Nm
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**Connection**

Cage clamp position	in line
Connection cross-sect. rigid cable	2,5 / 25mm <sup>2</sup>
Connection cross-sect. flexible conductor	2,5 / 16mm <sup>2</sup>
Type of connection	with screw

**Equipment**

Quantity of NO contacts	1
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**Standards**

Standard text	IEC 60947-3, IEC/EN 60669-2, IEC/EN 60669-4
European directive WEEE	not 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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