

## 4P 80A Switch

Technische Merkmale

### Architecture

Type of order	Toggle
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	415 V

### Voltage

Rated insulation voltage	440 V
Rated impulse withstand voltage	6000 V

### Electric current

Rated operational current in AC21 category A	80 A
Rated operational current in AC21 category B	80 A
Acceptable current rating with AC22 category A	80 A
Acceptable current rating with AC22 category B	80 A
Closing ability with 400V in AC23A	1354 A
Rated short-circuit making capacity I <sub>cm</sub> under 415V AC according IEC 60947-3	1354 A
Rated short-time withstand current 1s	0,96 kA
Thermal rated current outside of housings	80 A

### Power

Power loss per pole at I <sub>n</sub>	2,7 W
Total power loss under I <sub>N</sub>	1,8 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

### Dimensions

Depth of installed product	69 mm
Height of installed product	83 mm
Width of installed product	70 mm

### Installation, mounting

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

**Connection**

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

**Equipment**

Quantity of NO contacts	4
Can be accessorized	yes

**Standards**

Standard text	IEC 60947-3
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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