



SBN440

## 4-pole, 40A Modular Switch

### Technical characteristics

#### Architecture

Number of poles	4
Neutral position	Without neutral
Type of pole	4P

#### Electric current

Rated current	40 A
Breaking capacity 400 V AC23A	846 A
Rated conditional short-circuit current I <sub>cc</sub> with gl-gG fuses	0.60 kA
Acceptable current rating AC21 category A	40 A
Acceptable current rating AC21 category B	40 A
Acceptable current rating AC22 category A	40 A
Acceptable current rating AC22 category B	40 A
Rated short-circuit making capacity I <sub>cm</sub> under 415 V AC according to IEC 60947-3	0.84 kA
Rated short-time withstand current I <sub>cw</sub> 1s IEC 60947	0.60 kA

#### Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
Type of bottom connection for modular devices	Screw terminal

#### Voltage

Rated operational voltage U <sub>e</sub>	400 - 400 V
Type voltage supply	AC
Rated insulation voltage U <sub>i</sub>	440 V
Rated impulse withstand voltage U <sub>imp</sub>	6,000 V

#### Capacity

Number of modules	4
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#### Safety

Ingress Protection (IP) class	IP20
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#### Frequency

Frequency	50 - 60 Hz
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#### Dimensions

Height	83 mm
Width	70 mm

Depth

69 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	60,000
Electrical durability at nominal load in AC21 in operating cycles	5,000
Electrical durability at nominal load in AC22 in operating cycles	5,000

### Power

Total power loss under IN	4.40 W
Power loss per pole at In	1.10 W

### Connectivity

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