



SBN399

### 3-pole, 125A Modular Switch

#### Technical Features

##### Architecture

Number of poles	3
Neutral position	Without neutral
Type of pole	3P

##### Electric current

Rated current	125 A
Rated conditional short-circuit current $I_{cc}$ with gl-gG fuses	1.50 kA
Acceptable current rating AC21 category A	125 A
Acceptable current rating AC21 category B	125 A
Acceptable current rating AC22 category A	125 A
Acceptable current rating AC22 category B	125 A
Rated short-circuit making capacity $I_{cm}$ under 415 V AC according to IEC 60947-3	2.11 kA
Rated short-time withstand current $I_{cw}$ 1s IEC 60947	1.50 kA

##### Installation, mounting

Nominal tightening torque	3.60 - 3.60 Nm
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##### Voltage

Rated operational voltage $U_e$	400 - 400 V
Type voltage supply	AC
Rated insulation voltage $U_i$	440 V

##### Installation, mounting

Type of bottom connection for modular devices	Screw terminal
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##### Voltage

Rated impulse withstand voltage $U_{imp}$	6000 V
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##### Capacity

Number of modules	3
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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	52.50 mm
Depth	68 mm
Dimensions	83 x 52.50 mm

##### Equipment

Number of NO contacts	3
Number of NC contacts	0

##### Use conditions

Operating temperature	-20 - 70 °C
Storage/transport temperature	-40 - 80 °C

##### Connection

Cross-section flexible conductor	6 - 35 mm <sup>2</sup>
Cross-section rigid conductor	6 - 50 mm <sup>2</sup>

##### Endurance

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

<b>Power</b>	
Total power loss under IN	24 W
Power loss per pole at In	8 W
<b>Connectivity</b>	
Down connection alignment for modular devices	Aligned terminal
Top connection alignment for modular devices	Aligned terminal
<b>Sustainability</b>	
REACH-SVHC free	Yes
RoHS conform	Yes