



SBN425

### 4-pole, 25A Modular Switch

#### Technical Features

##### Architecture

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

##### Electric current

Rated current	25 A
Acceptable current rating AC21 category A	25 A
Acceptable current rating AC21 category B	25 A
Acceptable current rating AC22 category A	25 A
Acceptable current rating AC22 category B	25 A
Rated short-circuit making capacity Icm under 415 V AC according to IEC 60947-3	0.52 kA
Rated short-time withstand current Icw 1s IEC 60947	0.37 kA
Rated conditional short-circuit current Inc with fuse according to IEC/EN 3000A/80A gG parallel 32A gG 60669-2-4	

##### Installation, mounting

Nominal tightening torque	1.80 - 1.80 Nm
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##### Voltage

Rated operational voltage Ue	400 - 400 V
Type voltage supply	AC
Rated insulation voltage Ui	440 V

##### Installation, mounting

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

Rated impulse withstand voltage Uimp	4000 V
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##### Capacity

Number of modules	2
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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	35 mm
Depth	68 mm
Dimensions	83 x 35 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	1.5 - 10 mm <sup>2</sup>
Cross-section rigid conductor	1.5 - 16 mm <sup>2</sup>

<b>Endurance</b>	
Number of mechanical operations	200000
Electrical durability at nominal load in AC21 in operating cycles	25000
Electrical durability at nominal load in AC22 in operating cycles	25000
<b>Power</b>	
Total power loss under IN	3.60 W
Power loss per pole at In	0.90 W
<b>Connectivity</b>	
Down connection alignment for modular devices	Shifted terminal
Top connection alignment for modular devices	Shifted terminal
<b>Sustainability</b>	
REACH-SVHC free	Yes
RoHS conform	Yes