



SBN163

1-pole, 63A Modular Switch

Technical Features

Architecture

Number of poles	1
Neutral position	Without neutral
Type of pole	1P

Electric current

Rated current	63 A
Acceptable current rating AC21 category A	63 A
Acceptable current rating AC21 category B	63 A
Acceptable current rating AC22 category A	63 A
Acceptable current rating AC22 category B	63 A
Rated short-circuit making capacity Icm under 240 V AC according to IEC 60947-3	1.33 kA
Rated short-time withstand current Icw 1s IEC 60947	0.94 kA
Rated conditional short-circuit current Inc with fuse according to IEC/EN 60069-2-4	6000A/80A gG parallel 16A gG

Installation, mounting

Nominal tightening torque	2.80 - 2.80 Nm
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Voltage

Rated operational voltage Ue	230 - 230 V
Type voltage supply	AC
Rated insulation voltage Ui	440 V
Rated impulse withstand voltage Uimp	6000 V

Capacity

Number of modules	1
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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	17.50 mm
Depth	68 mm
Dimensions	83 x 17.50 mm

Equipment

Number of NO contacts	1
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 mm²
Cross-section rigid conductor	2.5 - 25 mm²

Endurance

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

Product Datasheet

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Power	
Total power loss under IN	2.30 W
Power loss per pole at In	2.30 W
Connectivity	
Top connection alignment for modular devices	Aligned terminal
Sustainability	
REACH-SVHC free	Yes
RoHS conform	Yes