

3P 40A Switch

Architecture

Number of poles	3 P
Type of pole	3 P

Main electrical features

Frequency	50/60 Hz
Rated operational voltage Ue	230/400 V

Voltage

Rated insulation voltage	440 V
Rated impulse withstand voltage	6000 V

Electric current

Rated operational current in AC21 category A	40 A
Rated operational current in AC21 category B	40 A
Acceptable current rating with AC22 category A	40 A
Acceptable current rating with AC22 category B	40 A
Rated short-time withstand current 1 s	0,6 kA
Thermal rated current outside of housings	40 A

Power

Power loss per pole at In	1,1 W
Total power loss under IN	3,3 W

Endurance

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

Dimensions

Depth of installed product	68 mm
Height of installed product	83 mm
Width of installed product	52,5 mm

Installation, mounting

Tightening torque	2,8Nm
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Connection

Cage clamp position	in line
Connection cross-sect. rigid cable	2,5 / 25mm ²
Connection cross-sect. flexible conductor	2,5 / 16mm ²
Type of connection	with screw

Standards

European directive WEEE	not concerned
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Safety

Protection index IP	IP20
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Use conditions

Degree of pollution according to IEC 60664 / IEC 60947-2	2
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Altitude	2000 m
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Storage temperature	-40 to 80 °C
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Identification

Device family	SBN
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