

SBN140

1-pole, 40A Modular Switch

Technical Features

Neutral position Without neutral Type of pole 1F Electric current 40 A Acceptable current rating AC21 category A 40 A Acceptable current rating AC21 category B 40 A Acceptable current rating AC22 category B 40 A Acceptable current rating AC24 category B Acceptable cur	Architecture	
Type of pole	Number of poles	1
Rated current	Neutral position	Without neutral
Rated current 40 A 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 Acceptable current rating AC22 category B 40 A Acceptable current rating AC22 category B 40 A Rated short-circuit making capacity Icm under 240 V AC according to IEC 0.84 kA 60947-3 0.60 KA Rated short-circuit current Ine with fuse according to IEC/EN 6000A/80A gG parallel 16A gG 60669-2-4 1 Installation, mounting 2.80 - 2.80 Nm Nominal tightening torque 2.80 - 2.80 Nm Voltage 2 Rated operational voltage Ue 2.30 - 2.90 Nm Voltage 2 Rated operational voltage Uimp 60000 Vm Rated insulation voltage Uimp 60000 Vm Rated insulation voltage Uimp 60000 Vm Capacity 50 - 60 Hz Ingress Protection (IP) class IP20 Frequency 50 - 60 Hz Frequency	Type of pole	1P
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 6000A Bated acceptable current rating AC22 category B 6000A Installation acceptable current rating AC22 category B 6000A/80A gA parallel 16A gC6 Installation acceptable current rating AC22 category B AC Rated operational voltage Ue 2.80 - 2.80 Nm Voltage AC Rated	Electric current	
Acceptable current rating AC21 category B 40 A Acceptable current rating AC22 category A 40 A Acceptable current rating AC22 category B 40 A Acceptable current rating AC22 category B 40 A Rated short-circuit making capacity lorn under 240 V AC according to IEC 0.84 kA 60947-3 0.60 kA Rated short-time withstand current low its IEC 60947 0.60 kA Rated conditional short-circuit current lnc with fuse according to IEC/EN 6000A/80A gG parallel 16A gG 60669-2-4 Installation, mounting Installation, mounting Nominal tightening torque Voltage 230 - 2.80 Nm Voltage supply AC Rated insulation voltage Ui 230 - 2.80 Nm Capacity 230 - 2.80 Nm Installation voltage Ui 230	Rated current	40 A
Acceptable current rating AC22 category A 40 A Acceptable current rating AC22 category B 40 A Acceptable current rating AC22 category B 40 A Acceptable current rating AC22 category B 0.40 A Acceptable current rating AC22 category B 0.84 kB 60947-3 0.60 kB Rated short-time withstand current low is IEC 60947 0.60 kB Rated conditional short-circuit current line with fuse according to IEC/EN 60669-2-4 6000A/80A gG parallel 16A gG 60669-2-4 Installation, mounting Voltage Nominal tightening torque 2.80 - 2.80 Nm Voltage 230 - 230 V 70 Nm Type voltage supply 230 - 230 V 70 Nm Rated insulation voltage Ui 40 O Nm Rated insulation voltage Uimp 6000 V 70 Nm Rated insulation voltage Uimp 6000 V 70 Nm Capacity Number of modules 10 Nm Safety 10 Nm Ingress Protection (IP) class IP20 Frequency 50 - 60 Hz Piceuncy 50 - 60 Hz Dimensions 83 x1750 mm Equipment 10 Nm	Acceptable current rating AC21 category A	40 A
Acceptable current rating AC22 category B Rated short-circuit making capacity lcm under 240 V AC according to IEC 0.84 k6 60947-3 Rated short-time withstand current lcw 1s IEC 60947 0.60 kA Rated conditional short-circuit current lnc with fuse according to IEC/EN 6000A/80A gG parallel 16A gG 60669-2-4 Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 2.30 - 2.30 Nm Voltage Rated insulation voltage Ui 440 V Rated insulation voltage Ui 440 V Rated insulation voltage Ui 440 V Rated insulation voltage Uinp 6000 V Rated insulation voltage Uinp 6000 V Rated insulation voltage Uinp 7 Safety Prequency 7 So - 60 Hz Prequency 8 So - 60 H	Acceptable current rating AC21 category B	40 A
Rated short-circuit making capacity lcm under 240 V AC according to IEC 60947-3 0.60 kA 60947-3 Rated short-time withstand current lcw Is IEC 60947 0.60 kA 60000/80 a garallel 16A garal	Acceptable current rating AC22 category A	40 A
Rated short-time withstand current low 1s IEC 60947 0.60 kA Rated short-time withstand current low 1s IEC 60947 60069-2-4 Installation, mounting Nominal tightening torque 2.80 - 2.80 Nm Voltage Rated operational voltage Ue 230 - 230 V Type voltage supply AC Rated inspulse withstand voltage Uimp 60000 V Capacity Number of modules 7 Frequency 50 - 60 Hz Dimensions Height 83 mm Width 17.50 mm Equipment Number of NO contacts Number of Roc contacts Number of NC contacts Connection Cross-section flexible conductor 2.5 - 16 mm Cross-section flexible conductor 2.5 - 25 mm Endurance Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles 50000	Acceptable current rating AC22 category B	40 A
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Installation, mounting Nominal tightening torque Rated operational voltage Ue Type voltage supply Rated insulation voltage Uimp Rated impulse withstand voltage Uimp Rafety Rafety Rafety Rafety Reguency Requency Requency Requency Requency So - 60 Hz Reguency Requency Reque	Rated short-time withstand current lcw 1s IEC 60947	0.60 kA
Nominal tightening torque 2.80 - 2.80 Nm Voltage 230 - 230 V 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 Safety Ingress Protection (IP) class IP20 Frequency 50 - 60 Hz Dimensions 83 mm Height 83 mm Width 17.50 mm Depth 68 mm Dimensions 83 x 17.50 mm Equipment Number of NO contacts 5 Number of NC contacts 5 Operating temperature -20 - 70 °C Storage/transport temperature -20 - 70 °C Cross-section flexible conductor 2.5 - 16 mm Cross-section rigid conductor 2.5 - 25 mm Endurance Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles 50000		6000A/80A gG parallel 16A gG
Voltage Rated operational voltage Ue Rated insulation voltage Ui Rated insulation voltage Ui Rated insulation voltage Uimp Rated impulse withstand voltage Uimp Rated impulse Visuality Rated Visuality Rate	Installation, mounting	
Rated operational voltage Ue Type voltage supply Rated insulation voltage Ui Rated insulation voltage Ui Rated insulation voltage Uimp Rated Voltage Prequestring Rated insulation voltage Uimp Rated Voltage Prequestring Rated insulation voltage Uimp Rated Voltage	Nominal tightening torque	2.80 - 2.80 Nm
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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 Number of NC contacts Connection Cross-section rigid conductor 2.5 - 16 mm Cross-section rigid conductor 2.5 - 25 mm Endurance Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles 50000		50 - 60 Hz
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Depth 68 mm Dimensions 83 x 17.50 mm Equipment Number of NO contacts Number of NC contacts Operating temperature Connection Cross-section flexible conductor Cross-section rigid conductor Endurance Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles 68 mm 60 mm		
Dimensions 83 x 17.50 mm Equipment Number of NO contacts Number of NC contacts Use conditions Operating temperature Connection Cross-section flexible conductor Cross-section rigid conductor Endurance Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles 50000		
Equipment Number of NO contacts Number of NC contacts Operating temperature Operating temperature Connection Connection Cross-section flexible conductor Cross-section rigid conductor Endurance Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles	•	
Number of NO contacts Number of NC contacts Use conditions Operating temperature Storage/transport temperature Connection Cross-section flexible conductor Cross-section rigid conductor Endurance Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles	Dimensions	83 X 17.50 mm
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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	Use conditions	
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	Operating temperature	-20 - 70 °C
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	Storage/transport temperature	-40 - 80 °C
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	Connection	
Endurance Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles 5000	Cross-section flexible conductor	2.5 - 16 mm²
Number of mechanical operations 60000 Electrical durability at nominal load in AC21 in operating cycles 5000	Cross-section rigid conductor	2.5 - 25 mm²
Electrical durability at nominal load in AC21 in operating cycles 5000	Endurance	
	Number of mechanical operations	60000
Electrical durability at nominal load in AC22 in operating cycles 5000	Electrical durability at nominal load in AC21 in operating cycles	5000
	Electrical durability at nominal load in AC22 in operating cycles	5000

Product Datasheet SBN140

Power Total power loss under IN 1.10 W Power loss per pole at In 1.10 W Connectivity Top connection alignment for modular devices Aligned terminal Sustainability REACh-SVHC free Yes RoHS conform Yes