



SB432PV

Switch DC 4P 1000V 32A

Technical characteristics

Architecture

Type of order	Short thumb-grip
Number of poles	4 P
Type of pole	4 P (1P ... +1P serie)
Type of case	Fixed built-in

Functions

Reversing switch	No
Version as main switch	No
Version as emergency stop installation	No
Version as safety switch	Yes
Version as maintenance-/service switch	Yes

Configuration

Number of modules	3.5
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Controls and indicators

Motor drive integrated	No
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Main electrical features

Type of supply voltage	DC
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Voltage

Rated insulation voltage	1000 V
Rated impulse withstand voltage	8000 V
Rated operational voltage in DC	1000 V

Electric current

Rated current	32 A
Rated operational current in DC21 category A	32 A

Dimensions

Depth of installed product	72 mm
Height of installed product	85 mm

Power

Total power loss under IN	6.9 W
Power loss per pole at In	1.7 W

Endurance

Cover, door

Interlockable	No
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Installation, mounting

Tightening torque	1,8Nm
Suitable for front mounting center	No
Suitable for front mounting	No
Suitable for ground mounting	No

Connection

Connection cross-sect. flexible conductor	4 / 10mm ²
Connection cross-sect. rigid cable	4 / 16mm ²
Type of connection	with screw

Equipment

Number of auxiliary contacts as normally closed contact	0
Number of auxiliary contacts as normally open contact	0
Number of auxiliary contacts as change-over contact	0
Quantity of NC contacts	0
Quantity of NO contacts	4
Quantity of INV contacts	0
Motor drive optional	No
Can be accessorized	No

Standards

Standard text	IEC 60947-3 ; VDE 0660
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Safety

REACH conform	Yes
RoHS conform	Yes
Halogen free	Yes

Use conditions

Operating temperature	-40...65 °C
Degree of pollution according to IEC 60664 / IEC 60947-2	3
Storage/transport temperature	-50...90 °C