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General ordering data

Order No.	0170620000
Part designation	SAKG 46 II
Version	Special terminal, special connections, 150 mm ² , Screw connection, KrG, Medium yellow, TS 32
EAN	4008190170592
Qty.	5 pc(s).

Product notes

Note, technical data	Conductor connection with cable lugs according to DIN 46234, from 10 .. 185 mm ² and DIN 46235, from 25 .. 150 mm ²
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Additional technical data

Colour of insulating material	Medium yellow
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 32
Insulating material	KrG
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	Open
Operating temperature range	- 60 °C, + 130 °C
Product family	SAK Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	5VA
Version	Stud terminal

CSA rating data

Voltage (CSA)	600 V
CSA current	365 A
Min. cross-section (CSA)	AWG 4
Max. cross-section (CSA)	AWG 300

Conductors for clamping (rated connection)

Clamping range, min.	10 mm ²
Clamping range, max.	185 mm ²
Type of connection	Screw connection

Conductors for clamping (rated connection)

2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Clamping screw	M 12
Tightening torque range	14...31 Nm
Solid, min.	10 mm ²
Solid, max.	16 mm ²
AWG conductor size, min.	AWG 4/0
AWG conductor size, max.	kcmil 300
AWG conductor size, min.	107.22 mm ²
AWG conductor size, max.	150 mm ²

Dimensions

Width	46 mm
Height of lowest version	57 mm
Length	106 mm
Weight	372.2 g
TS 32 offset	53 mm

Rating data

Rated cross-section	150 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	309 A
Standards	IEC 60947-7-1
Current with max. conductor	353 A
Pollution severity	3

UL rating data

Voltage (UL)	600 V
Current (UL)	285 A
Min. cross-section (UL)	AWG 4/0
Max. cross-section (UL)	AWG 300

Approvals

Approvals institutes



Downloads

DXF	01123_SAKG_46_II_DXF.dxf
STEP	0170620000_01123_SAKG_46_II_STP.stp

Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897

Classifications

eClass 4.1	27-14-11-31
eClass 5.0	27-14-11-31
eClass 5.1	27-14-11-31

Similar products

Order No.	Part designation	Version
0185320000	SAKG 46 II/GW	Special terminal, special connections, 150 mm ² , Screw connection, KrG, Medium yellow, TS 32