



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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