



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.	0637120000
Part designation	SAKG 32/35 I
Version	Special terminal, special connections, 50 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190111496
Qty.	10 pc(s).

#### 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 35
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 / ZB

#### CSA rating data

Voltage (CSA)	600 V
CSA current	170 A
Min. cross-section (CSA)	AWG 1
Max. cross-section (CSA)	AWG 2/0

#### Conductors for clamping (additional connection)

Type of connection	Flat spade connection
Flexible with ferrule, min. (DIN 46228 pt 1)	10 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	10 mm <sup>2</sup>
----------------------	--------------------

#### Conductors for clamping (rated connection)

Clamping range, max.	70 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Stripping length	26 mm
Clamping screw	M 8
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B11
Solid, min.	10 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	10 mm <sup>2</sup>
Stranded, max.	70 mm <sup>2</sup>
Flexible, min.	10 mm <sup>2</sup>
Flexible, max.	70 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	10 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	70 mm <sup>2</sup>
AWG conductor size, min.	AWG 3
AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	26.67 mm <sup>2</sup>
AWG conductor size, max.	67.44 mm <sup>2</sup>

#### Dimensions

Width	32 mm
Height of lowest version	84.5 mm
Length	87 mm
TS 32 offset	29.5 mm
TS 35 offset	43.5 mm

#### Rating data

Rated cross-section	50 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	150 A
Standards	IEC 60947-7-1
Current with max. conductor	192 A
Pollution severity	3

#### Stud connection

Clamping range, max.	70 mm <sup>2</sup>
Clamping range, min.	10 mm <sup>2</sup>

#### UL rating data

Voltage (UL)	600 V
Current (UL)	165 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 3/0

### Approvals

Approvals institutes



### Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
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
0637320000	SAKG 32/35 II	Special terminal, special connections, 50 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0637420000	SAKG 32/35 II/GW	Special terminal, special connections, 50 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0637220000	SAKG 32/35 III	Special terminal, special connections, 50 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35