



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

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#### General ordering data

Order No.	0170320000
Part designation	SAKG 28 II
Version	Special terminal, special connections, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
EAN	4008190126247
Qty.	10 pc(s).

#### Product notes

Note, technical data	Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 6 .. 50 mm <sup>2</sup>
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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	110 A
Min. cross-section (CSA)	AWG 6
Max. cross-section (CSA)	AWG 1

#### Conductors for clamping (rated connection)

Clamping range, min.	6 mm <sup>2</sup>
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#### Conductors for clamping (rated connection)

Clamping range, max.	50 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Clamping screw	M 6
Tightening torque range	3.0...6.0 Nm
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 1
AWG conductor size, min.	13.3 mm <sup>2</sup>
AWG conductor size, max.	42.41 mm <sup>2</sup>

#### Dimensions

Width	28 mm
Height of lowest version	53 mm
Length	70 mm
Weight	100.5 g
TS 32 offset	35 mm

#### Rating data

Rated cross-section	35 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	125 A
Standards	IEC 60947-7-1
Current with max. conductor	150 A
Pollution severity	3

#### UL rating data

Voltage (UL)	600 V
Current (UL)	115 A
Min. cross-section (UL)	AWG 8
Max. cross-section (UL)	AWG 2

#### 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
0170020000	SAKG 28 I	Special terminal, special connections, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0185020000	SAKG 28 II/GW	Special terminal, special connections, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0170820000	SAKG 28 III	Special terminal, special connections, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32