



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!



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#### General ordering data

Order No.	1404520000
Part designation	SAKC 10/35 1STB4 KRG
Version	Disconnect and modular disconnect terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190170400
Qty.	50 pc(s).

#### Product notes

Note, ordering data	SAKC 10/35 2 StB4 Order No. 1404620000 Tightening torque via the sockets is 1.2 Nm.
Note, technical data	Connections for stranded conductors from 10 mm <sup>2</sup> require a tightening torque of 2 Nm.
Note, accessories	Pull out force look under Accessories.

#### 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 levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °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	Test-disconnect terminals

#### CSA rating data

Voltage (CSA)	600 V
CSA current	25 A
Min. cross-section (CSA)	AWG 20
Max. cross-section (CSA)	AWG 10

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	10 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Tightening torque range	1.2...2.4 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	B6
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	10 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	10 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	10 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	10 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	10 mm <sup>2</sup>

#### Dimensions

Width	12 mm
Height of lowest version	48.5 mm
Length	65 mm
TS 32 offset	16 mm
TS 35 offset	32.5 mm

#### Disconnect terminals

Cross-disconnect	without
Integral test socket	Yes
Slitting	pluggable
Torque level with DMS electric screwdriver	4

#### Rating data

Rated cross-section	10 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	27 A
Standards	IEC 60947-7-1
Current with max. conductor	27 A
Pollution severity	3

### Rating data

#### UL rating data

Voltage (UL)	300 V
Current (UL)	25 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 8

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC000902
ETIM 3.0	EC000902
eClass 4.1	27-14-11-26
eClass 5.0	27-14-11-26
eClass 5.1	27-14-11-26

#### Similar products

Order No.	Part designation	Version
1404620000	SAKC 10/35 2 STB4 KRG	Disconnect and modular disconnect terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35