



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.	0139160000
Part designation	SAK 70/35
Version	Feed-through terminal, 70 mm ² , Screw connection, PA 66, beige, TS 35
EAN	4008190088552
Qty.	10 pc(s).

Product notes

Note, technical data	Tightening torque for 70 mm ² stranded = 12 Nm.
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Additional technical data

Colour of insulating material	beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	PA 66
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Type of connection	Screwed
Type of mounting	Clamped
UL 94 flammability rating of insulation material	V2
Version	Feed-through terminal

CSA rating data

Voltage (CSA)	600 V
CSA current	150 A
Min. cross-section (CSA)	AWG 4
Max. cross-section (CSA)	AWG 2/0

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	16 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	16 mm ²
Clamping range, max.	70 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	24 mm
Clamping screw	M 8
Blade size	S6 (DIN 6911)
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B11
Solid, min.	16 mm ²
Solid, max.	16 mm ²
Stranded, min.	16 mm ²
Stranded, max.	70 mm ²
Flexible, min.	16 mm ²
Flexible, max.	70 mm ²
Flexible with ferrule, min. (DIN 46228/1)	16 mm ²
Flexible with ferrule, max. (DIN 46228/1)	35 mm ²
AWG conductor size, min.	AWG 4
AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	21.15 mm ²
AWG conductor size, max.	67.44 mm ²

Dimensions

Width	22 mm
Height of lowest version	87 mm
Length	75 mm
TS 35 offset	37.5 mm

Rating data

Rated cross-section	70 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	192 A
Standards	IEC 60947-7-1
Current with max. conductor	192 A
Pollution severity	3

Strap connection

Strap 1, max.	6 layers 9 x 0.8
Strap 1, min.	3 layers 9 x 0.8
Strap 2, min.	6 layers 13 x 0.5

UL rating data

Voltage (UL)	600 V
Current (UL)	150 A
Min. cross-section (UL)	AWG 4
Max. cross-section (UL)	AWG 2/0

Approvals

Approvals institutes



Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
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