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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.	0501620000
Part designation	SAKS 1/35/G20
Version	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190111229
Qty.	20 pc(s).

Product notes

Note, technical data	Connections for 10-mm ² stranded conductors require a tightening torque of 2 Nm.
Note, accessories	An M 3 x 6 mm screw, with order no. 0346200000, should be used for the cross-connection.

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	right
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	Fuse terminal

CSA rating data

Voltage (CSA)	600 V
CSA current	10 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

Conductors for clamping (additional connection)

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

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	16 mm ²
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 ²
Solid, max.	16 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	10 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	10 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	10 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	5.26 mm ²

Dimensions

Width	13 mm
Height of lowest version	61 mm
Length	54 mm
TS 35 offset	27 mm

Disconnect terminals

Torque level with DMS electric screwdriver	4
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Display element

Operating voltage for display, max.	500 V
Type of voltage for indicator	AC/DC

Fuse terminals

Cartridge fuse	G-Si. 5 x 20
Display	Without LED
Fuse holder (cartridge holder)	Screwable
Operating voltage, max.	500
Type of voltage for indicator	AC/DC

Rating data

Rated cross-section	10 mm ²
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	10 A
Current with max. conductor	10 A
Pollution severity	3

UL rating data

Voltage (UL)	600 V
Current (UL)	6.3 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 10

Approvals

Approvals institutes



Classifications

ETIM 2.0	EC000899
ETIM 3.0	EC000899
eClass 4.1	27-14-11-16
eClass 5.0	27-14-11-16
eClass 5.1	27-14-11-16

Similar products

Order No.	Part designation	Version
8068330000	SAKS 1/35 G20 GL 115VAC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
0199920000	SAKS 1/35 G20 GL 230VAC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
1111320000	SAKS 1/35 G20 LD 24VAC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
0225820000	SAKS 1/35 G20 LD 24VDC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
0214020000	SAKS 1/35 G20 LD 48VAC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
0501520000	SAKS 1/35/G25	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
1368720000	SAKS 2/35	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35

0328920000	SAKS 3/35 G/5X30 500V	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
0501820000	SAKS 4/35	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
0178220000	SAKS 4/35 USA	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35