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General ordering data

Order No.	0178220000
Part designation	SAKS 4/35 USA
Version	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190095987
Qty.	20 pc(s).

Product notes

Note, technical data	Connections for stranded conductors from 10 mm ² and 7-wire AWG conductors require a tightening torque of 2 Nm.
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Additional technical data

Colour of insulating material	Medium yellow
Connection direction	on side
End plate required	No
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	closed
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	30 A
Min. cross-section (CSA)	AWG 22
Max. cross-section (CSA)	AWG 8

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.	0.5 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	14 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 20
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.52 mm ²
AWG conductor size, max.	8.37 mm ²

Dimensions

Width	24 mm
Height of lowest version	73 mm
Length	75 mm
TS 35 offset	37.5 mm

Disconnect terminals

Torque level with DMS electric screwdriver	4
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Display element

Operating voltage for display, max.	400 V
Type of voltage for indicator	AC/DC

Fuse terminals

Cartridge fuse	E18
Display	Without LED
Fuse holder (cartridge holder)	Screwable
Operating voltage, max.	400 V
Type of voltage for indicator	AC/DC

Rating data

Rated cross-section	10 mm ²
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	16 A
Current with max. conductor	30 A
Pollution severity	3

UL rating data

Voltage (UL)	600 V
Current (UL)	30 A
Min. cross-section (UL)	AWG 20
Max. cross-section (UL)	AWG 8

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
0501620000	SAKS 1/35/G20	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 mm², Screw connection, KrG, Medium yellow, TS 35