

#### General ordering data

Order No.	0225820000
Part designation	SAKS 1/35 G20 LD 24VDC
Version	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190057626
Qty.	10 pc(s).

#### Product notes

Note, technical data	Connections for 10-mm <sup>2</sup> stranded 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	Yes
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

Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

#### Conductors for clamping (rated connection)

Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	16 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.	16 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	10 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

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>
AWG conductor size, min.	AWG 20
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.52 mm <sup>2</sup>
AWG conductor size, max.	8.37 mm <sup>2</sup>

#### Dimensions

Width	13 mm
Height of lowest version	61 mm
Length	54 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver	4
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#### Display element

Current	50 A
Operating voltage for display, max.	24 V
Type of voltage for indicator	AC/DC

#### Fuse terminals

Cartridge fuse	G-Si. 5 x 20
Current	50 A
Display	LED
Fuse holder (cartridge holder)	Screwable
Operating voltage, max.	24 V
Type of voltage for indicator	AC/DC

#### Rating data

Rated cross-section	10 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	4 kV
Rated current	6.3 A
Current with max. conductor	6.3 A

#### UL rating data

Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 8

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC000899
ETIM 3.0	EC000899

#### Classifications

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 <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0199920000	SAKS 1/35 G20 GL 230VAC	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
1111320000	SAKS 1/35 G20 LD 24VAC	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0214020000	SAKS 1/35 G20 LD 48VAC	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0501620000	SAKS 1/35/G20	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0501520000	SAKS 1/35/G25	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
1368720000	SAKS 2/35	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0328920000	SAKS 3/35 G/5X30 500V	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0501820000	SAKS 4/35	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
0178220000	SAKS 4/35 USA	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35