

## Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)  
[0501820000](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)


**General ordering data**

Order No.	0501820000
Part designation	SAKS 4/35
Version	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190090166
Qty.	20 pc(s).

**Product notes**

Note, technical data	Connections for stranded conductors from 10 mm <sup>2</sup> 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 <sup>2</sup>
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**Conductors for clamping (additional connection)**

 Flexible with ferrule, max. (DIN 46228 pt 1) 10 mm<sup>2</sup>
**Conductors for clamping (rated connection)**

Clamping range, min.	0.33 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	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 <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>
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 22
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.33 mm <sup>2</sup>
AWG conductor size, max.	8.37 mm <sup>2</sup>

**Dimensions**

Width	24 mm
Height of lowest version	66 mm
Length	75 mm
TS 35 offset	37.5 mm

**Disconnect terminals**

Torque level with DMS electric screwdriver 4

**Display element**

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

**Fuse terminals**

Cartridge fuse	E14
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<sup>2</sup>

#### Rating data

Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	16 A
Standards	IEC 60947-7-3
Current with max. conductor	16 A
Pollution severity	3

#### 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 <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
0225820000	SAKS 1/35 G20 LD 24VDC	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
0178220000	SAKS 4/35 USA	Fuse terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35