

## Excellent Integrated System Limited

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**General ordering data**

Order No.	0170020000
Part designation	SAKG 28 I
Version	Special terminal, special connections, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
EAN	4008190152000
Qty.	10 pc(s).

**Product notes**

Note, technical data	Conductor connection with cable lugs according to DIN 46234 and DIN 46235, from 6 .. 50 mm <sup>2</sup>
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**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 32
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	Open
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	Stud terminal

**CSA rating data**

Voltage (CSA)	600 V
CSA current	110 A
Min. cross-section (CSA)	AWG 6
Max. cross-section (CSA)	AWG 1

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	6 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	6 mm <sup>2</sup>
Clamping range, max.	50 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Stripping length	15 mm
Clamping screw	M 6
Tightening torque range	4.0...6.0 Nm
Gauge to IEC 60947-1	B9
Solid, min.	6 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	6 mm <sup>2</sup>
Stranded, max.	50 mm <sup>2</sup>
Flexible, min.	10 mm <sup>2</sup>
Flexible, max.	35 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	6 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	35 mm <sup>2</sup>
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 1
AWG conductor size, min.	13.3 mm <sup>2</sup>
AWG conductor size, max.	42.41 mm <sup>2</sup>

**Dimensions**

Width	28 mm
Height of lowest version	63.5 mm
Length	70 mm
Weight	104.9 g
TS 32 offset	35 mm

**Rating data**

Rated cross-section	35 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	125 A
Standards	IEC 60947-7-1
Current with max. conductor	150 A
Pollution severity	3

**UL rating data**

Voltage (UL)	600 V
Current (UL)	95 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 2

### Approvals

Approvals institutes



### Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-31
eClass 5.0	27-14-11-31
eClass 5.1	27-14-11-31

### Similar products

Order No.	Part designation	Version
0170320000	SAKG 28 II	Special terminal, special connections, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0185020000	SAKG 28 II/GW	Special terminal, special connections, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0170820000	SAKG 28 III	Special terminal, special connections, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32