

## Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)  
[0445420000](#)

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**General ordering data**

Order No.	0445420000
Part designation	SAKT 2/LT O.STB
Version	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
EAN	4008190085438
Qty.	50 pc(s).

**Product notes**

Note, technical data	10 mm <sup>2</sup> stranded and AWG 8/7 connections are to be fixed with 1.6 Nm tightening torque.
Function	Without StB
Note, accessories	To safe the test sockets use the SDIZ-blade (see chapter Tools) or bits with pilots!

**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	right
Operating temperature range	- 50 °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	Test-disconnect terminals

**Conductors for clamping (additional connection)**

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	10 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 3.5
Blade size	4.0 x 0.8 mm
Tightening torque range	1.2...1.6 Nm
Torque level with DMS electric screwdriver	3
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	10 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.	6 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	6 mm <sup>2</sup>

**Dimensions**

Width	8 mm
Height of lowest version	52.5 mm
Length	82 mm
TS 32 offset	41 mm

**Disconnect terminals**

Cross-disconnect	without
Integral test socket	No
Slitting	sliding
Torque level with DMS electric screwdriver	3

**Rating data**

Rated cross-section	6 mm <sup>2</sup>
Rated voltage	125 V
Rated impulse voltage	6 kV
Rated current	41 A
Standards	IEC 60947-7-1
Current with max. conductor	46 A
Pollution severity	3

**UL rating data**

Voltage (UL)	300 V
Current (UL)	25 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 8

### Approvals

Approvals institutes



### Classifications

ETIM 2.0	EC000902
ETIM 3.0	EC000902
eClass 4.1	27-14-11-26
eClass 5.0	27-14-11-26
eClass 5.1	27-14-11-26

### Similar products

Order No.	Part designation	Version
0195620000	SAKT 1/DU1	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0550420000	SAKT 1/DU2	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0269120000	SAKT 1/LT	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0437920000	SAKT 1/LT STB14/4	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0269320000	SAKT 1/QT1	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0437720000	SAKT 2/LT 4STB	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32
0330620000	SAKT 2/LT STB	Disconnect and modular disconnect terminal, 6 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 32