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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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General ordering data

Order No.	0105420000
Part designation	SAKT 1/35/LT
Version	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190014056
Qty.	50 pc(s).

Product notes

Note, technical data	10 mm ² 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 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	- 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

CSA rating data

Voltage (CSA)	300 V
CSA current	25 A
Min. cross-section (CSA)	AWG 26
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)	6 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	10 mm ²
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	0.8...1.6 Nm
Torque level with DMS electric screwdriver	3
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm ²
Solid, max.	10 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	10 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	6 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	6 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	8.37 mm ²

Dimensions

Width	8 mm
Height of lowest version	52.5 mm
Length	65 mm
TS 32 offset	16.5 mm
TS 35 offset	32.5 mm

Disconnect terminals

Cross-disconnect	without
Integral test socket	No
Slitting	sliding
Tightening torque range	0.5...0.8 Nm
Torque level with DMS electric screwdriver	3

Rating data

Rated cross-section	6 mm ²
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	41 A
Standards	IEC 60947-7-1
Current with max. conductor	57 A

Rating data

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
0105820000	SAKT 1/35/DU1	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, KrG, Medium yellow, TS 35
0105620000	SAKT 1/35/LT STB	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, KrG, Medium yellow, TS 35
0105720000	SAKT 1/35/QT1	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, KrG, Medium yellow, TS 35
0124620000	SAKT 1/35/QT2	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, KrG, Medium yellow, TS 35
0106020000	SAKT 2/35/LT 4STB	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, KrG, Medium yellow, TS 35
0105920000	SAKT 2/35/LT/STB	Disconnect and modular disconnect terminal, 6 mm ² , Screw connection, KrG, Medium yellow, TS 35
1272420000	SAKT 4/35/LT O.STB	Disconnect and modular disconnect terminal, 4 mm ² , Screw connection, KrG, Medium yellow, TS 35
1272520000	SAKT 4/35/LT STB2.0	Disconnect and modular disconnect terminal, 4 mm ² , Screw connection, KrG, Medium yellow, TS 35
1289920000	SAKT 4/35/LT STB2.3	Disconnect and modular disconnect terminal, 4 mm ² , Screw connection, KrG, Medium yellow, TS 35