



#### General ordering data

Order No.	1404520000
Part designation	SAKC 10/35 1STB4 KRG
Version	Disconnect and modular disconnect terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190170400
Qty.	50 pc(s).

#### Product notes

Note, ordering data	SAKC 10/35 2 StB4 Order No. 1404620000 Tightening torque via the sockets is 1.2 Nm.
Note, technical data	Connections for stranded conductors from 10 mm <sup>2</sup> require a tightening torque of 2 Nm.
Note, accessories	Pull out force look under Accessories.

#### 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 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)	600 V
CSA current	25 A
Min. cross-section (CSA)	AWG 20
Max. cross-section (CSA)	AWG 10

#### 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)	10 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 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.	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.	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>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	10 mm <sup>2</sup>

#### Dimensions

Width	12 mm
Height of lowest version	48.5 mm
Length	65 mm
TS 32 offset	16 mm
TS 35 offset	32.5 mm

#### Disconnect terminals

Cross-disconnect	without
Integral test socket	Yes
Slitting	pluggable
Torque level with DMS electric screwdriver	4

#### Rating data

Rated cross-section	10 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	27 A
Standards	IEC 60947-7-1
Current with max. conductor	27 A
Pollution severity	3

### Rating data

#### 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
1404620000	SAKC 10/35 2 STB4 KRG	Disconnect and modular disconnect terminal, 10 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35