

**General ordering data**

Order No.	9502610000
Part designation	SAKK 10
Version	Special terminal, special connections, 10 mm ² , Screw connection, Ceramic, white, TS 32
EAN	4008190550592
Qty.	25 pc(s).

Product notes

Note, technical data	Do not use mechanical or electrical torque screwdrivers for fastening the conductor.
Note, accessories	End barrier MEW 1/32 order no. 0445600000; Locking pin SST3 order no. 0152700000

PT OKIECEx/ATEX rating data

EU-type examination certificate	SIRA03ATEX3425U
Download English	SIRA03ATEX3425U_e.pdf
IECEx Certificate of Conformity	IECEXSIR05.0032U
Download	IECEXSIR05.0032U_e.pdf
ATEX voltage	275 V
ATEX current	50 A
ATEX conductor cross-section	10 mm ²
IECEx voltage	275 V
IECEx current	50 A
IECEx conductor cross-section	10 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEx-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

Additional technical data

Colour of insulating material	white
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 32
Insulating material	Ceramic
Levels cross-connected internally	No
No. of levels	1

Additional technical data

No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 60 °C, + 250 °C
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	5VB
Version	Feed-through terminal

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm ²
Clamping range, max.	16 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 4
Blade size	1.0 x 5.5 mm
Tightening torque range	2.0...4.0 Nm
Gauge to IEC 60947-1	B6
Solid, min.	1.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	16 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	16 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	10 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	10 mm ²
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 6

Dimensions

Width	11.5 mm
Height of lowest version	53 mm
Length	40 mm
TS 32 offset	20 mm

Rating data

Rated cross-section	10 mm ²
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	57 A

Rating data

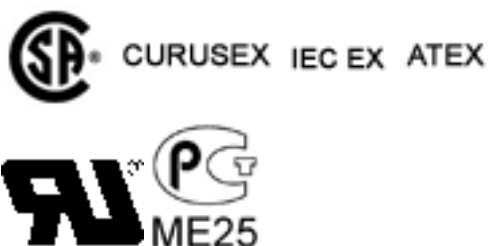
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

UL rating data

Voltage (UL)	600 V
Current (UL)	55 A

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
9502630000	AP SAKK4/10 KER/WS	Modular terminal, accessories, end plate and intermediate plate, white, 3 mm
1598090000	SAKK 10 KER/WS	Special terminal, special connections, 10 mm ² , Screw connection, Ceramic, white, TS 32
9502600000	SAKK 4	Special terminal, special connections, 4 mm ² , Screw connection, Ceramic, white, TS 32
1598080000	SAKK 4 KER/WS	Special terminal, special connections, 4 mm ² , Screw connection, Ceramic, white, TS 32