



#### General ordering data

Order No.	9502610000
Part designation	SAKK 10
Version	Special terminal, special connections, 10 mm <sup>2</sup> , 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 OKIECEEx/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 <sup>2</sup>
IECEX voltage	275 V
IECEX current	50 A
IECEX conductor cross-section	10 mm <sup>2</sup>
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 <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Clamping range, min.	1.5 mm <sup>2</sup>
Clamping range, max.	16 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	2.0...4.0 Nm
Gauge to IEC 60947-1	B6
Solid, min.	1.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	16 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 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)	1.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	10 mm <sup>2</sup>
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 <sup>2</sup>
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	57 A

#### Rating data

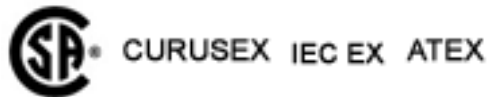
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

#### 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 <sup>2</sup> , Screw connection, Ceramic, white, TS 32
9502600000	SAKK 4	Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, Ceramic, white, TS 32
1598080000	SAKK 4 KER/WS	Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, Ceramic, white, TS 32