



General ordering data

Order No.	0337660000
Part designation	SAK 10/EN
Version	Feed-through terminal, 10 mm ² , Screw connection, PA 66, beige, TS 35 + TS 32
EAN	4008190062231
Qty.	100 pc(s).

Product notes

Note, ordering data	A higher torque of 2 to 2.4 Nm is necessary when using H07V-R16 and AWG 6 conductors.
Note, technical data	When used with twin ferrules ZH 0.5 - ZH 4, the rated voltage is 690 V.

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA97ATEX1798U
Download, German	KEMA97ATEX1798U_d.pdf
Download English	KEMA97ATEX1798U_e.pdf
IECEX Certificate of Conformity	IECEXKEM06.0014U
ATEX voltage	690 V
ATEX current	50 A
ATEX conductor cross-section	10 mm ²
IECEX voltage	690 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	beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35 + TS 32
Insulating material	PA 66
Levels cross-connected internally	No
No. of identical terminals	1

Additional technical data

No. of levels	1
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V2
Version	Feed-through terminal

CSA rating data

Voltage (CSA)	600 V
CSA current	65 A
Min. cross-section (CSA)	AWG 16
Max. cross-section (CSA)	AWG 6

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.	10 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
Twin wire-end ferrule, min.	0.75 mm ²
Twin wire end ferrule, max.	6 mm ²
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 6
AWG conductor size, max.	13.3 mm ²

Dimensions

Width	10 mm
Height of lowest version	47.5 mm
Length	41.5 mm
TS 35 offset	22 mm

Rating data

Rated cross-section	10 mm ²
Rated voltage	800 V
Rated impulse voltage	8 kV
Rated current	57 A
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

UL rating data

Voltage (UL)	600 V
Current (UL)	60 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 6

Approvals

Approvals institutes



Classifications

eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
1907040000	DK 4 Q/EN	Feed-through terminal, 4 mm ² , Screw connection, PA 66, beige, TS 35 + TS 32
1907030000	DK 4 Q/EN BL	Feed-through terminal, 4 mm ² , Screw connection, PA 66, blue, TS 35 + TS 32
1907020000	DK 4 QV/EN	Feed-through terminal, 4 mm ² , Screw connection, PA 66, beige, TS 35 + TS 32
1784410000	SAK 10/EN BL	Feed-through terminal, 10 mm ² , Screw connection, PA 66, blue, TS 35 + TS 32
1853960000	SAK 10/EN GR RAL 7042	Feed-through terminal, 10 mm ² , Screw connection, PA 66, TS 35 + TS 32

1772830000	SAK 10/EN OR	Feed-through terminal, 10 mm ² , Screw connection, PA 66, TS 35 + TS 32
1773900000	SAK 10/EN SW	Feed-through terminal, 10 mm ² , Screw connection, PA 66, TS 35 + TS 32
0218660000	SAK 2.5/EN	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, beige, TS 35 + TS 32
0218680000	SAK 2.5/EN BL	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, blue, TS 35 + TS 32
0467460000	SAK 4/EN	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, beige, TS 35 + TS 32
0339760000	SAK 16/EN	Feed-through terminal, 16 mm ² , Screw connection, PA 66, beige, TS 35 + TS 32
1784390000	SAK 16/EN BL	Feed-through terminal, 16 mm ² , Screw connection, PA 66, blue, TS 35 + TS 32
1880870000	SAK 2.5/EN RT	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, red, TS 35 + TS 32
1858440000	SAK 2.5/EN SW	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, black, TS 35 + TS 32
1858460000	SAK 2.5/EN WS	Feed-through terminal, 2.5 mm ² , Screw connection, PA 66, white, TS 35 + TS 32
0467480000	SAK 4/EN BL	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, blue/light blue, TS 35 + TS 32
0339860000	SAK 35/EN	Feed-through terminal, 35 mm ² , Screw connection, PA 66, beige, TS 35 + TS 32
1784400000	SAK 35/EN BL	Feed-through terminal, 35 mm ² , Screw connection, PA 66, blue, TS 35 + TS 32
9130990000	SAK 4/EN BR	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, brown, TS 35 + TS 32
9129930000	SAK 4/EN GE	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, yellow, TS 35 + TS 32
9129950000	SAK 4/EN GN	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, green, TS 35 + TS 32
9129960000	SAK 4/EN GR	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, grey, TS 35 + TS 32
1853950000	SAK 4/EN GR 7042	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, grey, TS 35 + TS 32
0467400000	SAK 4/EN OR	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, Orange, TS 35 + TS 32
9129920000	SAK 4/EN RT	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, red, TS 35 + TS 32
9130980000	SAK 4/EN SW	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, black, TS 35 + TS 32
1773340000	SAK 4/EN WS	Feed-through terminal, 4 mm ² , Screw connection, Polyamide, white, TS 35 + TS 32
0212860000	SAK 6/EN	Feed-through terminal, 6 mm ² , Screw connection, PA 66, beige, TS 35 + TS 32
0212880000	SAK 6/EN BL	Feed-through terminal, 6 mm ² , Screw connection, PA 66, blue, TS 35 + TS 32
1772820000	SAK 6/EN GE	Feed-through terminal, 6 mm ² , Screw connection, PA 66, TS 35 + TS 32
1772810000	SAK 6/EN OR	Feed-through terminal, 6 mm ² , Screw connection, PA 66, TS 35 + TS 32

0212840000	SAK 6/EN RT	Feed-through terminal, 6 mm ² , Screw connection, PA 66, TS 35 + TS 32
0212810000	SAK 6/EN SW	Feed-through terminal, 6 mm ² , Screw connection, PA 66, TS 35 + TS 32
1773350000	SAK 6/EN WS	Feed-through terminal, 6 mm ² , Screw connection, PA 66, white, TS 35 + TS 32