

General ordering data	
Order No.	0380660000
Part designation	SAK 16/35 PA
Version	Feed-through terminal, 16 mm², Screw connection, PA 66, beige, TS 35
EAN	4008190118204
Qty.	50 pc(s).

Product notes	
Note, ordering data	If QIs are aligned side by side, then a TW/AP must be used.
Note, technical data	Twin wire end ferrules ZH 2.5 - ZH 16 can be used.

PT OKIECEx/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	66 A
ATEX conductor cross-section	16 mm²
IECEx voltage	690 V
IECEx current	66 A
IECEx conductor cross-section	16 mm²
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
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	87 A
Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 6

Conductors for clamping (additional connection)	
Flexible with ferrule, min. (DIN 46228 pt 1)	4 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm²

Conductors for clamping (rated connection)	
Clamping range, min.	2.5 mm²
Clamping range, max.	16 mm²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	15 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Tightening torque range	2.0...4.0 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	B6
Solid, min.	2.5 mm²
Solid, max.	16 mm²
Stranded, min.	4 mm²
Stranded, max.	16 mm²
Flexible, min.	4 mm²
Flexible, max.	16 mm²
Flexible with ferrule, min. (DIN 46228/1)	4 mm²
Flexible with ferrule, max. (DIN 46228/1)	16 mm²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	4 mm²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	16 mm²
Twin wire-end ferrule, min.	1.5 mm²
Twin wire end ferrule, max.	10 mm²
AWG conductor size, min.	AWG 12
AWG conductor size, max.	AWG 6
AWG conductor size, min.	3.31 mm²
AWG conductor size, max.	16 mm²

Conductors for clamping (rated connection)

Dimensions	
Width	12 mm
Height of lowest version	57.5 mm
Length	50 mm
TS 35 offset	25 mm

Disconnect terminals	
Torque level with DMS electric screwdriver	4

Rating data	
Rated cross-section	16 mm²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	76 A
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

UL rating data	
Voltage (UL)	600 V
Current (UL)	80 A
Min. cross-section (UL)	AWG 12
Max. cross-section (UL)	AWG 4

Approvals	
Approvals institutes	

Classifications	
ETIM 2.0	EC000897
ETIM 3.0	EC000897
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

0380680000	SAK 16/35 PA/BL	Feed-through terminal, 16 mm², Screw connection, PA 66, blue, TS 35