General ordering data	
Order No.	0443680000
Part designation	SAK 4/35 BL
Version	Feed-through terminal, 4 mm², Screw connection, PA 66, blue, TS 35
EAN	4008190003869
Qty.	100 pc(s).

Product notes	
Note, technical data	With twin ferrules ZH 0.5 to ZH 2.5, rated voltage is 690 V.

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	550 V
ATEX current	28 A
ATEX conductor cross-section	4 mm²
IECEx voltage	550 V
IECEx current	28 A
IECEx conductor cross-section	4 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	blue
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	PA 66
Levels cross-connected internally	No
No. of identical terminals	1
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	36 A

CSA rating data	
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10
Conductors for clamping (additional connection)	
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm²
Conductors for clamping (rated connection)	
Clamping range, min.	0.13 mm²
Clamping range, max.	6 mm²
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 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...1.0 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A4
Solid, min.	0.5 mm²
Solid, max.	6 mm²
Stranded, min.	0.5 mm²
Stranded, max.	4 mm²
Flexible, min.	0.5 mm²
Flexible, max.	4 mm²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm²
Flexible with ferrule, max. (DIN 46228/1)	4 mm²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm²
Twin wire-end ferrule, min.	0.5 mm²
Twin wire end ferrule, max.	2.5 mm²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	5.26 mm²
Dimensions	
Width	6.5 mm
Height of lowest version	44 mm
Length	45 mm
Weight	11.43 g
TS 35 offset	25 mm
Disconnect terminals	
Torque level with DMS electric screwdriver	2
Rating data	
Rated cross-section	4 mm²
Rated voltage	800 V

Rating data	
Rated impulse voltage	8 kV
Rated current	32 A
Standards	IEC 60947-7-1
Current with max. conductor	41 A
Pollution severity	3

UL rating data	
Voltage (UL)	600 V
Current (UL)	30 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 12

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
0530360000	SAK 4/10/35	Feed-through terminal, 4 mm², Screw connection, PA 66, beige, TS 35
0443660000	SAK 4/35	Feed-through terminal, 4 mm², Screw connection, PA 66, beige, TS 35
1323660000	SAK 4/35 OR	Feed-through terminal, 4 mm², Screw connection, PA 66, Orange, TS 35