



General ordering data

Order No.	0303520000
Part designation	SAK 35 KRG
Version	Feed-through terminal, 35 mm ² , Screw connection, KrG, Medium yellow, TS 32
EAN	4008190172114
Qty.	20 pc(s).

Product notes

Note, ordering data	It is possible to use twin ferrules with identical rated voltages (LAB 13090).
Note, technical data	The tightening torque is 4.5 Nm for 16 - 50 mm ² and AWG 6 - 2/7 stranded conductors. Twin wire end ferrules ZH 2.5 - ZH 16 can be used.
Note, accessories	If QIs are aligned side by side, then a TW/AP must be used.

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA97ATEX1798U
Download, German	KEMA97ATEX1798U_d.pdf
Download English	KEMA97ATEX1798U_e.pdf
IECEEx Certificate of Conformity	IECEXKEM06.0014U
ATEX voltage	550 V
ATEX current	109 A
ATEX conductor cross-section	35 mm ²
IECEEx voltage	550 V
IECEEx current	109 A
IECEEx conductor cross-section	35 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEEx-Certificate of Conformity
Marking EN 60079-7	Ex e II

Additional technical data

Colour of insulating material	Medium yellow
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 32
Insulating material	KrG

Additional technical data

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	- 60 °C, + 130 °C
Type of connection	Screwed
Type of mounting	Clamped
UL 94 flammability rating of insulation material	5VA
Version	Feed-through terminal

CSA rating data

Voltage (CSA)	600 V
CSA current	145 A
Min. cross-section (CSA)	AWG 6
Max. cross-section (CSA)	AWG 2

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	2.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	6 mm ²
Clamping range, max.	50 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	20 mm
Clamping screw	M 6
Blade size	6.5 x 1.2 mm
Tightening torque range	5,0 Nm
Gauge to IEC 60947-1	B9
Solid, min.	6 mm ²
Solid, max.	16 mm ²
Stranded, min.	16 mm ²
Stranded, max.	50 mm ²
Flexible, min.	10 mm ²
Flexible, max.	35 mm ²
Flexible with ferrule, min. (DIN 46228/1)	10 mm ²
Flexible with ferrule, max. (DIN 46228/1)	35 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	10 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	35 mm ²
Twin wire-end ferrule, min.	1.5 mm ²
Twin wire end ferrule, max.	16 mm ²
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 2
AWG conductor size, min.	3.31 mm ²

Conductors for clamping (rated connection)

AWG conductor size, max. 33.62 mm²

Dimensions

Width 18 mm
 Height of lowest version 67.5 mm
 Length 58 mm
 Weight 89.9 g
 TS 32 offset 29 mm

Rating data

Rated cross-section 35 mm²
 Rated voltage 1,000 V
 Rated impulse voltage 8 kV
 Rated current 125 A
 Standards IEC 60947-7-1
 Current with max. conductor 125 A
 Pollution severity 3

UL rating data

Voltage (UL) 600 V
 Current (UL) 105 A
 Min. cross-section (UL) AWG 6
 Max. cross-section (UL) AWG 2

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
-----------	------------------	---------

0476520000	SAK 35/IK KRG	Feed-through terminal, 35 mm², Screw connection, KrG, Medium yellow, TS 32
0550620000	SAK 35N CH/HD (BE/MEL)	Feed-through terminal, 35 mm², Screw connection, KrG, Medium yellow, TS 32