



#### General ordering data

Order No.	0608220000
Part designation	SAK 35N/35 KRG
Version	Feed-through terminal, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190126278
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 <sup>2</sup> 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.

#### Additional technical data

Colour of insulating material	Medium yellow
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	KrG
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	120 A
Min. cross-section (CSA)	AWG 12
Max. cross-section (CSA)	AWG 2

#### 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)	35 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	2.5 mm <sup>2</sup>
Clamping range, max.	50 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	18 mm
Clamping screw	M 6
Blade size	6.5 x 1.2 mm
Tightening torque range	4.0...5.0 Nm
Gauge to IEC 60947-1	B8
Solid, min.	2.5 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	4 mm <sup>2</sup>
Stranded, max.	50 mm <sup>2</sup>
Flexible, min.	2.5 mm <sup>2</sup>
Flexible, max.	35 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	35 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	35 mm <sup>2</sup>
Twin wire-end ferrule, min.	1.5 mm <sup>2</sup>
Twin wire end ferrule, max.	16 mm <sup>2</sup>
AWG conductor size, min.	AWG 12
AWG conductor size, max.	AWG 2
AWG conductor size, min.	3.31 mm <sup>2</sup>
AWG conductor size, max.	33.62 mm <sup>2</sup>

#### Dimensions

Width	16 mm
Height of lowest version	60 mm
Length	58 mm
Weight	76.25 g
TS 35 offset	29 mm

#### Rating data

Rated cross-section	35 mm <sup>2</sup>
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 12
Max. cross-section (UL)	AWG 2

#### Approvals

Approvals institutes



#### Downloads

STEP	0608220000_07022_SAK_35N-35_KRG_STP.stp
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#### 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
0608320000	SAK 35N/35/IK KRG	Feed-through terminal, 35 mm <sup>2</sup> , Screw connection, KrG, Medium yellow, TS 35