



General ordering data

Order No.	0608360000
Part designation	SAK 35N/35/IK
Version	Feed-through terminal, 35 mm ² , Screw connection, PA 66, beige, TS 35
EAN	4008190090197
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.

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
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	Clamped
UL 94 flammability rating of insulation material	V2
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 ²
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	2.5 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	18 mm
Clamping screw	M 6
Blade size	S4 (DIN 6911)
Tightening torque range	4.0...6.0 Nm
Gauge to IEC 60947-1	B8
Solid, min.	2.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	4 mm ²
Stranded, max.	50 mm ²
Flexible, min.	2.5 mm ²
Flexible, max.	35 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	35 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	2.5 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 12
AWG conductor size, max.	33.62 mm ²

Dimensions

Width	16 mm
Height of lowest version	60 mm
Length	58 mm
Weight	61.65 g
TS 35 offset	29 mm

Rating data

Rated cross-section	35 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	125 A
Standards	IEC 60947-7-1
Current with max. conductor	150 A
Pollution severity	3

Strap connection

Strap 1, max.	9 layers 9 x 0.8
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Strap connection

Strap 1, min. 3 layers 9 x 0.8

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



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
0380760000	SAK 35/35	Feed-through terminal, 35 mm ² , Screw connection, PA 66, beige, TS 35
0380780000	SAK 35/35 BL	Feed-through terminal, 35 mm ² , Screw connection, PA 66, blue, TS 35
0582460000	SAK 35/35/IK	Feed-through terminal, 35 mm ² , Screw connection, PA 66, beige, TS 35
0608260000	SAK 35N/35	Feed-through terminal, 35 mm ² , Screw connection, PA 66, beige, TS 35