



General ordering data

Order No.	0550620000
Part designation	SAK 35N CH/HD (BE/MEL)
Version	Feed-through terminal, 35 mm ² , Screw connection, KrG, Medium yellow, TS 32
EAN	4008190168674
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	Medium yellow
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 32
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 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	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 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.	AWG 2
AWG conductor size, min.	3.31 mm ²
AWG conductor size, max.	33.62 mm ²

Dimensions

Width	16 mm
Height of lowest version	67.5 mm
Length	58 mm
Weight	72.85 g
TS 32 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	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



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
0303520000	SAK 35 KRG	Feed-through terminal, 35 mm ² , Screw connection, KrG, Medium yellow, TS 32
0476520000	SAK 35/IK KRG	Feed-through terminal, 35 mm ² , Screw connection, KrG, Medium yellow, TS 32