



General ordering data

Order No.	0637120000
Part designation	SAKG 32/35 I
Version	Special terminal, special connections, 50 mm ² , Screw connection, KrG, Medium yellow, TS 35
EAN	4008190111496
Qty.	10 pc(s).

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	Open
Operating temperature range	- 60 °C, + 130 °C
Product family	SAK Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	5VA
Version	Stud terminal / ZB

CSA rating data

Voltage (CSA)	600 V
CSA current	170 A
Min. cross-section (CSA)	AWG 1
Max. cross-section (CSA)	AWG 2/0

Conductors for clamping (additional connection)

Type of connection	Flat spade connection
Flexible with ferrule, min. (DIN 46228 pt 1)	10 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	10 mm ²
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Conductors for clamping (rated connection)

Clamping range, max.	70 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Stripping length	26 mm
Clamping screw	M 8
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B11
Solid, min.	10 mm ²
Solid, max.	16 mm ²
Stranded, min.	10 mm ²
Stranded, max.	70 mm ²
Flexible, min.	10 mm ²
Flexible, max.	70 mm ²
Flexible with ferrule, min. (DIN 46228/1)	10 mm ²
Flexible with ferrule, max. (DIN 46228/1)	70 mm ²
AWG conductor size, min.	AWG 3
AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	26.67 mm ²
AWG conductor size, max.	67.44 mm ²

Dimensions

Width	32 mm
Height of lowest version	84.5 mm
Length	87 mm
TS 32 offset	29.5 mm
TS 35 offset	43.5 mm

Rating data

Rated cross-section	50 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	150 A
Standards	IEC 60947-7-1
Current with max. conductor	192 A
Pollution severity	3

Stud connection

Clamping range, max.	70 mm ²
Clamping range, min.	10 mm ²

UL rating data

Voltage (UL)	600 V
Current (UL)	165 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 3/0

Approvals

Approvals institutes



Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-31
eClass 5.0	27-14-11-31
eClass 5.1	27-14-11-31

Similar products

Order No.	Part designation	Version
0637320000	SAKG 32/35 II	Special terminal, special connections, 50 mm ² , Screw connection, KrG, Medium yellow, TS 35
0637420000	SAKG 32/35 II/GW	Special terminal, special connections, 50 mm ² , Screw connection, KrG, Medium yellow, TS 35
0637220000	SAKG 32/35 III	Special terminal, special connections, 50 mm ² , Screw connection, KrG, Medium yellow, TS 35