



General ordering data

Order No.	0139160000
Part designation	SAK 70/35
Version	Feed-through terminal, 70 mm ² , Screw connection, PA 66, beige, TS 35
EAN	4008190088552
Qty.	10 pc(s).

Product notes

Note, technical data	Tightening torque for 70 mm ² stranded = 12 Nm.
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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	150 A
Min. cross-section (CSA)	AWG 4
Max. cross-section (CSA)	AWG 2/0

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	16 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	16 mm ²
Clamping range, max.	70 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	24 mm
Clamping screw	M 8
Blade size	S6 (DIN 6911)
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B11
Solid, min.	16 mm ²
Solid, max.	16 mm ²
Stranded, min.	16 mm ²
Stranded, max.	70 mm ²
Flexible, min.	16 mm ²
Flexible, max.	70 mm ²
Flexible with ferrule, min. (DIN 46228/1)	16 mm ²
Flexible with ferrule, max. (DIN 46228/1)	35 mm ²
AWG conductor size, min.	AWG 4
AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	21.15 mm ²
AWG conductor size, max.	67.44 mm ²

Dimensions

Width	22 mm
Height of lowest version	87 mm
Length	75 mm
TS 35 offset	37.5 mm

Rating data

Rated cross-section	70 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	192 A
Standards	IEC 60947-7-1
Current with max. conductor	192 A
Pollution severity	3

Strap connection

Strap 1, max.	6 layers 9 x 0.8
Strap 1, min.	3 layers 9 x 0.8
Strap 2, min.	6 layers 13 x 0.5

UL rating data

Voltage (UL)	600 V
Current (UL)	150 A
Min. cross-section (UL)	AWG 4
Max. cross-section (UL)	AWG 2/0

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
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