



#### General ordering data

Order No.	0630360000
Part designation	SAK 4 S/35 6.3/2.8
Version	Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
EAN	4008190093716
Qty.	100 pc(s).

#### Product notes

Note, ordering data	Cable-lug connections should be connected with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8
Note, technical data	The rated voltage is 800 V when using a cable-lug (flat) connector with IH 6.3 insulating sleeves.

#### 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
Open sides	right
Operating temperature range	- 50 °C, + 100 °C
Product family	SAK Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V2
Version	Feed-through terminal

#### CSA rating data

Voltage (CSA)	300 V
CSA current	13 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

#### Conductors for clamping (additional connection)

Type of connection	Flat-blade connection
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#### Conductors for clamping (additional connection)

No. of connections	2
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Stripping length	12 mm
Clamping screw	M 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...1.0 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A4
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	4 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	4 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm <sup>2</sup>
Twin wire-end ferrule, min.	0.5 mm <sup>2</sup>
Twin wire end ferrule, max.	2.5 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	3.31 mm <sup>2</sup>

#### Dimensions

Width	6.5 mm
Height of lowest version	49.5 mm
Length	40 mm
TS 35 offset	20 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver	2
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#### Other connections

Cable-lug connection	Slotted
No. of connections	2
Rated cross-section spade connector 2.8 mm	1 mm <sup>2</sup>
Rated cross-section spade connector 6.3 mm	2.5 mm <sup>2</sup>

### Other connections

#### Rating data

Rated cross-section	4 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	20 A
Standards	IEC 60947-7-1 / IEC 61210
Current with max. conductor	20 A
Pollution severity	3

#### UL rating data

Voltage (UL)	600 V
Current (UL)	13 A
Min. cross-section (UL)	AWG 26
Max. cross-section (UL)	AWG 12

#### 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
0664960000	AST 5/35 SF 6.3/2.8	Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, Polyamide, beige, TS 35
0686660000	DK 4S/35 SF 6.3/2.8	Special terminal, special connections, 4 mm <sup>2</sup> , Screw connection, PA 66, beige, TS 35
0630460000	SAK 4 SS/35 6.3/2.8	Special terminal, special connections, 2.5 mm <sup>2</sup> , Flat-blade connection, PA 66, beige, TS 35