



General ordering data

Order No.	0401220000
Part designation	SAK 4 S 6.3/2.8/KRG
Version	Special terminal, special connections, 4 mm ² , Screw connection, KrG, Medium yellow, TS 32
EAN	4008190035655
Qty.	100 pc(s).

Product notes

Note, technical data	Cable-lug connections should be fitted with insulating sleeves. 20 A with F 6.3 or 2 x F 2.8
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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	3
Open sides	right
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	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
No. of connections	2

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²
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.	0.33 mm ²
Solid, max.	6 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	4 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	2.5 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	6.5 mm
Height of lowest version	51.5 mm
Length	40 mm
Weight	12.49 g
TS 32 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 ²
Rated cross-section spade connector 6.3 mm	2.5 mm ²

Other connections

Rating data

Rated cross-section	4 mm ²
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)	300 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
0439120000	AST 4 SF 6.3/2.8 KRG	Special terminal, special connections, 2.5 mm ² , Screw connection, KrG, Medium yellow, TS 32
0334520000	AST 5 SF 6.3 KRG	Special terminal, special connections, 4 mm ² , Screw connection, KrG, Medium yellow, TS 32
0479220000	AST 5 SF 6.3/2.8 KRG	Special terminal, special connections, 4 mm ² , Screw connection, KrG, Medium yellow, TS 32
0479620000	SAK 4 SS 6.3/2.8 KRG	Special terminal, special connections, 2.5 mm ² , Flat-blade connection, KrG, Medium yellow, TS 32
0352920000	SAK 4 SS 6.3/KRG	Special terminal, special connections, 2.5 mm ² , Flat-blade connection, KrG, Medium yellow, TS 32