

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

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

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 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm ²
Flexible with ferrule, max. (DIN 46226 pt 1)	4
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	0.51.0 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A4
Solid, min.	0.33 mm ²
Solid, max.	6 mm²
Stranded, min.	1.5 mm ²
Stranded, max.	4 mm²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	4 mm²
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 mm²
Dimensions	
Width	6.5 mm
Height of lowest version	51.5 mm
Length	40 mm
Weight	12.49 g
TS 32 offset	20 mm
13 32 Uliset	20 111111
Disconnect terminals	
Torque level with DMS electric screwdriver	2
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

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

0439120000	AST 4 SF 6.3/2.8 KRG	Special terminal, special connections, 2.5 mm², Screw connection, KrG, Medium yellow, TS 32
0334520000	AST 5 SF 6.3 KRG	Special terminal, special connections, 4 mm², Screw connection, KrG, Medium yellow, TS 32
0479220000	AST 5 SF 6.3/2.8 KRG	Special terminal, special connections, 4 mm², Screw connection, KrG, Medium yellow, TS 32
0479620000	SAK 4 SS 6.3/2.8 KRG	Special terminal, special connections, 2.5 mm², Flat-blade connection, KrG, Medium yellow, TS 32
0352920000	SAK 4 SS 6.3/KRG	Special terminal, special connections, 2.5 mm², Flat-blade connection, KrG, Medium yellow, TS 32

