

Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)
[0191220000](#)

For any questions, you can email us directly:
sales@integrated-circuit.com


General ordering data

Order No.	0191220000
Part designation	SAKS 1/G20
Version	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32
EAN	4008190095260
Qty.	20 pc(s).

Product notes

Note, technical data	Connections for 10-mm ² stranded conductors require a tightening torque of 2 Nm.
Note, accessories	Refer to "Accessories" Chapter for cross-connection accessories

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	2
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	Fuse terminal

CSA rating data

Voltage (CSA)	600 V
CSA current	10 A

CSA rating data

Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

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)	10 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	16 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	12 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Tightening torque range	1.2...2.4 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	B6
Solid, min.	0.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	10 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	10 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	10 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	5.26 mm ²

Dimensions

Width	13 mm
Height of lowest version	61 mm
Length	54 mm
TS 32 offset	27 mm

Disconnect terminals

Torque level with DMS electric screwdriver	4
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Display element

Operating voltage for display, max.	500 V
Type of voltage for indicator	AC/DC

Fuse terminals

Cartridge fuse	G-Si. 5 x 20
Display	Without LED
Fuse holder (cartridge holder)	Screwable

Fuse terminals

Operating voltage, max.	500
Type of voltage for indicator	AC/DC

Rating data

Rated cross-section	10 mm ²
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	10 A
Current with max. conductor	10 A
Pollution severity	3

UL rating data

Voltage (UL)	600 V
Current (UL)	6.3 A
Min. cross-section (UL)	AWG 22
Max. cross-section (UL)	AWG 10

Approvals

Approvals institutes



Downloads

DXF	02957_SAKS_1-G20_DXF.dxf
STEP	0191220000_02957_SAKS_1-G20_STP.stp

Classifications

ETIM 2.0	EC000899
ETIM 3.0	EC000899
eClass 4.1	27-14-11-16
eClass 5.0	27-14-11-16
eClass 5.1	27-14-11-16

Similar products

Order No.	Part designation	Version
0385320000	SAKS 1/32 G20 GL 115VAC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32
0306120000	SAKS 1/32 G20 GL 230VAC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32

0309320000	SAKS 1/32 G25 GL 230VAC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32
0191120000	SAKS 1/G25	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32
0206820000	SAKS 2	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32
0297520000	SAKS 3 G/5X30 500V	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32
0321320000	SAKS 4	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32
0162220000	SAKS 4 USA	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32
0531820000	SAKS 6/GZ 500AC	Fuse terminal, 10 mm ² , Screw connection, KrG, Medium yellow, TS 32