

SAK Series SAKG 32 I

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Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Available until	2018-07-01
Type	SAKG 32 I
Order No.	0286620000
Version	SAK Series, Feed-through terminal, Rated cross-section: 50 mm ² , Screw connection, Medium Yellow
GTIN (EAN)	4008190116750
Qty.	10 Stück
Alternative product	1028400000

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Technische Daten

Dimensions and weights

Width	32 mm	Width (inches)	1.26 inch
Height	87.3 mm	Height (inches)	3.437 inch
Depth	84 mm	Depth (inches)	3.307 inch
Weight	20.3 g	Net weight	196.2 g

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	KrG	Colour	Medium Yellow
UL 94 flammability rating	V-0, 5VA		

System specifications

Version	Stud terminal / ZB	Tightening torque (clamping screw for copper conductors)	6...12 Nm
End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 32
N-function	No	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	Open	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	12400-199	Current size C (CSA)	170 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	00 AWG
Wire cross section min. (CSA)	1 AWG		

Conductors for clamping (rated connection)

Clamping range, rated connection, max.	70 mm ²	Clamping range, rated connection, min.	10 mm ²
Clamping screw	M 8	Connection direction	on side
Gauge to IEC 60947-1	B11	Number of connections	1
Stripping length	26 mm	Tightening torque, max.	12 Nm
Tightening torque, min.	6 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 2/0	Wire connection cross section AWG, min.	AWG 3
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	70 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	10 mm ²
Wire connection cross section, finely stranded, max.	70 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, solid core, min. rated connection	10 mm ²	Wire connection cross section, stranded, rated connection, max.	70 mm ²
Wire connection cross section, stranded, rated connection, min.	10 mm ²	Wire connection cross-section, finely stranded, min.	10 mm ²

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Rating data

Rated cross-section	50 mm ²	Rated voltage	1,000 V
Rated current	150 A	Current at maximum wires	192 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.21 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	000 AWG
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	000 AWG
Conductor size Field wiring min. (UR)	6 AWG	Current size C (UR)	165 A
Voltage size C (UR)	600 V		

Classifications

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-31
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Approvals

Approvals



ROHS Conform

Safety note

Safety notice [Safety Information](#)