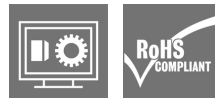


**SAK Series  
SAKG 32/35 II**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



**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**

Type	SAKG 32/35 II
Order No.	<a href="#">0637320000</a>
Version	SAK Series, Feed-through terminal, Rated cross-section: 50 mm <sup>2</sup> , Screw connection, Medium Yellow
GTIN (EAN)	4008190018276
Qty.	10 pc(s).

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**Technical data****Dimensions and weights**

Width	32 mm	Width (inches)	1.26 inch
Height	80 mm	Height (inches)	3.15 inch
Depth	53 mm	Depth (inches)	2.087 inch
Net weight	158.4 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	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 35
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 <sup>2</sup>	Clamping range, rated connection, min.	10 mm <sup>2</sup>
Clamping screw	M 8	Connection direction	on side
Number of connections	1	Tightening torque, max.	12 Nm
Tightening torque, min.	6 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 3/0	Wire connection cross section AWG, min.	AWG 6

**Rating data**

Rated cross-section	50 mm <sup>2</sup>	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

**Data sheet**

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**Technical data**

**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)	200 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		

**Product information**

Descriptive text technical data      Conductor connected with cable lugs acc. to DIN 46234 and DIN 46235, from 10 .. 70 mm². Only 70 mm² with partition plate

**Approvals**

Approvals



ROHS      Conform

**Downloads**

Approval/Certificate/Document of Conformity      [DE\\_PT1314\\_20160418\\_517\\_ISSUE01.pdf](#)  
 Engineering Data      [EPLAN\\_WSCAD](#)

**Safety note**

Safety notice      [Safety Information](#)