

## Data sheet

### SAK Series SAKG 40/35 II/GW

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
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 Germany  
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### Product image



#### 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 40/35 II/GW
Order No.	<a href="#">0637820000</a>
Version	SAK Series, Feed-through terminal, Rated cross-section: 95 mm <sup>2</sup> , Screw connection, medium yellow, Direct mounting
GTIN (EAN)	4008190052409
Qty.	5 pc(s).

Creation date 15 April 2020 12:41:38 CEST

Catalogue status 03.04.2020 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Width	46 mm	Width (inches)	1.811 inch
Height	90 mm	Height (inches)	3.543 inch
Depth	53 mm	Depth (inches)	2.087 inch
Net weight	240.8 g		

### Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### Material data

Material	KrG	Colour	medium yellow
UL 94 flammability rating	V-0, 5VA		

### System specifications

Version	Stud terminal	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

### Additional technical data

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

### CSA rating data

Certificate No. (CSA)	12400-119	Current size C (CSA)	250 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	0000 AWG
Wire cross section min. (CSA)	00 AWG		

### Conductors for clamping (rated connection)

Clamping range, max.	95 mm <sup>2</sup>	Clamping range, min.	10 mm <sup>2</sup>
Clamping screw	M 10	Connection direction	on side
Number of connections	2	Tightening torque, max.	20 Nm
Tightening torque, min.	10 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 4/0	Wire connection cross section AWG, min.	AWG 20
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>		

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### Rating data

Rated cross-section	95 mm <sup>2</sup>	Rated voltage	1,000 V
Rated current	232 A	Current at maximum wires	232 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.14 mΩ
Power loss in accordance with IEC 60947-7-x	7.42 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

### UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	0000 AWG
Conductor size Factory wiring min. (UR)	1 AWG	Conductor size Field wiring max. (UR)	0000 AWG
Conductor size Field wiring min. (UR)	1 AWG	Current size C (UR)	230 A
Voltage size C (UR)	600 V		

### Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20	UNSPSC	30-21-18-11

### Approvals

Approvals



ROHS Conform

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1314_20160418_522_ISSUE01.pdf</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

### Safety note

 Safety notice [Safety Information](#)



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