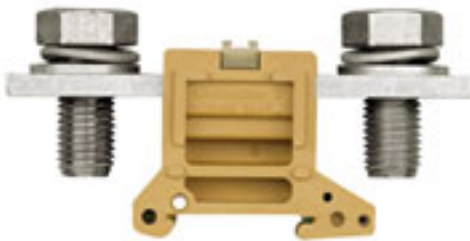


**SAK Series**  
**SAKG 54/35 II**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**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 54/35 II
Order No.	<a href="#">0638 120000</a>
Version	SAK Series, Feed-through terminal, Rated cross-section: 240 mm <sup>2</sup> , Screw connection, medium yellow, Direct mounting
GTIN (EAN)	4008 190068646
Qty.	5 pc(s).

Creation date April 27, 2020 3:02:59 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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

Width	54 mm	Width (inches)	2.126 inch
Height	122 mm	Height (inches)	4.803 inch
Depth	60.5 mm	Depth (inches)	2.382 inch
Net weight	587.6 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 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

**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)	12400-199	Current size C (CSA)	600 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	500 kcmil
Wire cross section min. (CSA)	300 kcmil		

**Conductors for clamping (rated connection)**

Clamping range, max.	240 mm <sup>2</sup>	Clamping range, min.	10 mm <sup>2</sup>
Clamping screw	M 16	Connection direction	on side
Number of connections	1	Tightening torque, max.	60 Nm
Tightening torque, min.	25 Nm	Type of connection	Screw connection
Wire connection cross section AWG, max.	kcmil 500	Wire connection cross section AWG, min.	kcmil 300

## SAK Series SAKG 54/35 II

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## Technical data

### Rating data

Rated cross-section	240 mm <sup>2</sup>	Rated voltage	1,000 V
Rated current	415 A	Current at maximum wires	415 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.08 mΩ
Power loss in accordance with IEC 60947-7-x	13.28 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

### UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	500 kcmil
Conductor size Factory wiring min. (UR)	300 kcmil	Conductor size Field wiring max. (UR)	500 kcmil
Conductor size Field wiring min. (UR)	300 kcmil	Current size C (UR)	380 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_531_ISSUE01.pdf</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

### Safety note

Safety notice [Safety Information](#)