

**SAK Series  
SAKG 40 II**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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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 40 II
Order No.	<a href="#">0170520000</a>
Version	SAK Series, Feed-through terminal, Rated cross-section: 95 mm <sup>2</sup> , Threaded stud connection, medium yellow
GTIN (EAN)	4008190049911
Qty.	10 pc(s).

Creation date April 30, 2020 7:20:59 PM CEST

Catalogue status 17.04.2020 / 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
Weight	242.4 g	Net weight	232.4 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 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)	12400-119	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	1	Tightening torque, max.	20 Nm
Tightening torque, min.	10 Nm	Type of connection	Threaded stud 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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## Technical data

### 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_PT1344_20160418_519_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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# Accessories

## Cover hoods



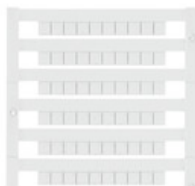
### Klippon® Connect with clamping yoke Technology

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	AH 40 SAKG40	Version
Order No.	<a href="#">0326860000</a>	SAK Series, Hood, beige, 38 mm
GTIN (EAN)	4008190061258	
Qty.	5 pc(s).	

## Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

Type	DEK 5/5 MC NE BR	Version
Order No.	<a href="#">1249870000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118051865	Weidmueller, brown
Qty.	1,000 pc(s).	
Type	DEK 5/5 MC NE GE	Version
Order No.	<a href="#">1609801687</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397135	Weidmueller, yellow
Qty.	1,000 pc(s).	
Type	DEK 5/5 S MC NE WS	Version
Order No.	<a href="#">1341620000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118145793	Weidmueller, white
Qty.	400 pc(s).	

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**Accessories**

Type	DEK 5/5 MC NE GR	Version
Order No.	<a href="#">1609801691</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397159	Weidmueller, grey
Qty.	1,000 pc(s).	
Type	DEK 5/5 MC NE OR	Version
Order No.	<a href="#">1238340000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118062632	Weidmueller, orange
Qty.	1,000 pc(s).	
Type	DEK 5/5 MC NE VI	Version
Order No.	<a href="#">1249860000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118042764	Weidmueller, violet
Qty.	1,000 pc(s).	
Type	DEK 5/5 MC NE RT	Version
Order No.	<a href="#">1609801686</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397128	Weidmueller, red
Qty.	1,000 pc(s).	
Type	DEK 5/5 MC NE WS	Version
Order No.	<a href="#">1609801044</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1,000 pc(s).	
Type	DEK 5/5 MC NE GN	Version
Order No.	<a href="#">1609801688</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397142	Weidmueller, green
Qty.	1,000 pc(s).	
Type	DEK 5/5 MC NE SW	Version
Order No.	<a href="#">1457550000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118263817	Weidmueller, black
Qty.	1,000 pc(s).	
Type	DEK 5/5 MC NE BL	Version
Order No.	<a href="#">1609801693</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397166	Weidmueller, blue
Qty.	1,000 pc(s).	

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## Custom printing



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Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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## General ordering data

Type	DEK 5/5 S MC SDR	Version
Order No.	<a href="#">1341590000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118146042	Weidmueller, To customer specification
Qty.	80 pc(s).	
Type	DEK 5/5 MC SDR	Version
Order No.	<a href="#">1609810000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 pc(s).	
Type	DEK 5/5 PLUS MC SDR	Version
Order No.	<a href="#">1854500000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248393602	Weidmueller, To customer specification
Qty.	200 pc(s).	

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**Accessories**

**Plus**



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**General ordering data**

Type	DEK 5/5 PLUS MC NE GE	Version
Order No.	<a href="#">1907520000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248532100	Weidmueller, yellow
Qty.	1,000 pc(s).	
Type	DEK 5/5 PLUS MC NE WS	Version
Order No.	<a href="#">1854490000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248393596	Weidmueller, white
Qty.	1,000 pc(s).	

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**Accessories**

**DEK 5/5**



**WS/ DEK**

MultiMark DEK/WS connector markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

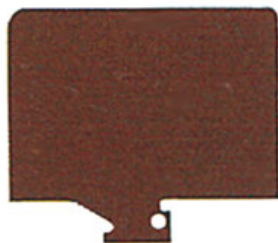
**Your benefits with MultiMark**

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

**General ordering data**

Type	DEK 5/5 MM WS	Version	
Order No.	<a href="#">2007110000</a>	Dekafix, Terminal marker, 5 x 5 mm, Weidmueller, white	
GTIN (EAN)	4050118391862		
Qty.	800 pc(s).		

**Partition plates**



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**General ordering data**

Type	TW SAKG46 HP/DBR/2	Version	
Order No.	<a href="#">0177100000</a>	SAK Series, Separation plate, dark brown, 2 mm	
GTIN (EAN)	4008190129699		
Qty.	10 pc(s).		
Type	TW SAKG46 HP/TF/GE/2	Version	
Order No.	<a href="#">0179900000</a>	SAK Series, Separation plate, yellow, 2 mm	
GTIN (EAN)	4008190107833		
Qty.	10 pc(s).		



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## QL / SAKG



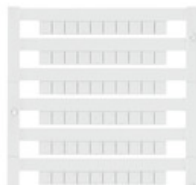
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### General ordering data

Type	QL 2 SAKG40	Version
Order No.	<a href="#">0194100000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190050146	poles: 2
Qty.	5 pc(s).	
Type	QL 2 SAKG40/35	Version
Order No.	<a href="#">0211400000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190004941	poles: 2
Qty.	5 pc(s).	

## V0



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### General ordering data

Type	DEK 5/5 MC NE V0 WS	Version
Order No.	<a href="#">1388530000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4050118188622	Weidmueller, white
Qty.	1,000 pc(s).	

**Data sheet**

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**Accessories**

**End plates**



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**General ordering data**

Type	EP 2 SAKG46/32 HP/TF/GE	Version
Order No.	<a href="#">0205400000</a>	SAK Series, End plate, yellow, 2 mm
GTIN (EAN)	4008190027223	
Qty.	10 pc(s).	