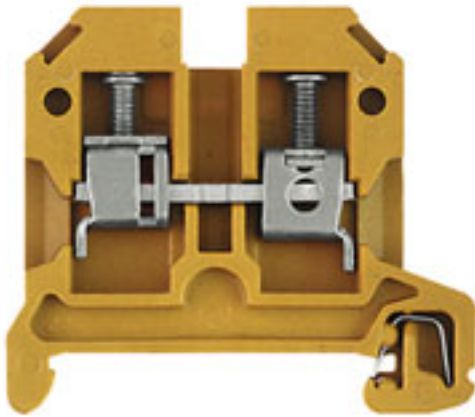


SAK Series
SAK 4/35 KRG**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

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

Delivery status	This article will no longer be available in the future.
Available until	2020-12-31
Type	SAK 4/35 KRG
Order No.	0443620000
Version	SAK Series, Feed-through terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4008190095642
Qty.	100 pc(s).
Alternative product	1020100000

Creation date April 30, 2020 11:41:52 PM CEST

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Technical data**Dimensions and weights**

Width	6.5 mm	Width (inches)	0.256 inch
Height	45 mm	Height (inches)	1.772 inch
Depth	44 mm	Depth (inches)	1.732 inch
Net weight	13.27 g		

Temperatures

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	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

Material data

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

Rating data IECEx/ATEX

Certificate No. (ATEX)	KEMA97ATEX1798U	Certificate No. (IECEX)	IECEXKEM06.0014U
Max. voltage (ATEX)	550 V	Current (ATEX)	28 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	28 A	Wire cross section max. (IECEX)	4 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

System specifications

Version	Screw connection, for screwable cross-connection, One end without connector	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	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	12400-129	Current size C (CSA)	36 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

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Technical data**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	2	Stripping length	12 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screwdriver	2	Twin wire-end ferrules, max.	2.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated current	32 A	Current at maximum wires	41 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1 mΩ
Power loss in accordance with IEC 60947-7-x	1.02 W	Rated impulse withstand voltage	8 kV
Pollution severity	3		

UL rating data

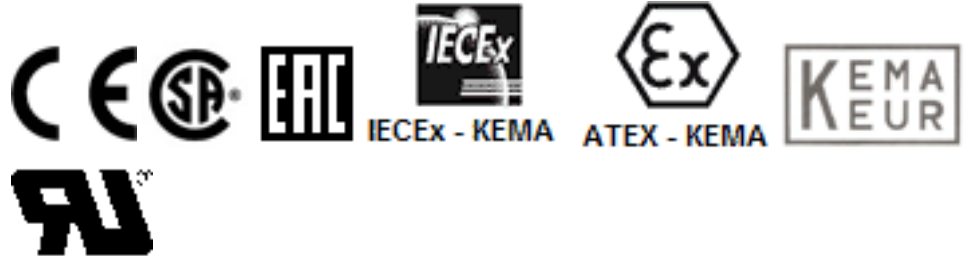
Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	30 A
Voltage size C (UR)	600 V		

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

Data sheet**SAK Series**
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Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation Of Conformity DE_PT1311_20160418_418_ISSUE01.pdf
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	StorageConditionsTerminalBlocks

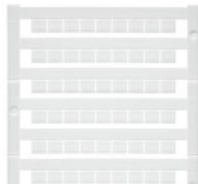
Safety noteSafety notice [Safety Information](#)

SAK Series SAK 4/35 KRG

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Accessories

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 5/6.5 MC NE WS	Version	
Order No.	1609840000		Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203429		Weidmueller, white
Qty.	900 pc(s).		

Test plug



Current and voltage transformer wiring

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

Type	PS 2.3 RT	Version	
Order No.	0180400000		Accessories, Test plug
GTIN (EAN)	4008190060121		
Qty.	20 pc(s).		

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Accessories

Covers



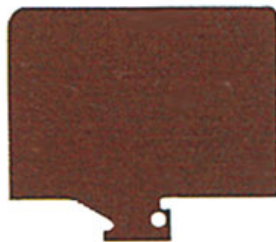
Klippon® Connect with clamping yoke Technology

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	AD 4 SAK4	Version
Order No.	0285300000	SAK Series, cover plate, yellow, 25.6 mm
GTIN (EAN)	4008190072902	
Qty.	50 pc(s).	

Partition plates



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	TW SAK4-10 EP/SW	Version
Order No.	0130100000	SAK Series, Separation plate, 2.53 mm, black, Direct mounting
GTIN (EAN)	4008190407599	
Qty.	20 pc(s).	
Type	TW SAK4-10 HP/DBR/0.5	Version
Order No.	0197100000	SAK Series, Separation plate, 0.5 mm, brown, dark beige, Direct mounting
GTIN (EAN)	4008190146627	
Qty.	20 pc(s).	
Type	TW SAK4-10 KRG/BL	Version
Order No.	0130170000	SAK Series, Separation plate, 2.25 mm, blue, Direct mounting
GTIN (EAN)	4008190063757	
Qty.	20 pc(s).	
Type	TW 4 SAK4-10	Version
Order No.	0130160000	SAK Series, Separation plate, 1.5 mm, beige
GTIN (EAN)	4008190096335	
Qty.	20 pc(s).	
Type	TW SAK4-10 KRG	Version
Order No.	0130120000	SAK Series, Separation plate, 2.25 mm, dark beige, yellow, Direct mounting
GTIN (EAN)	4008190139117	
Qty.	20 pc(s).	

Data sheet

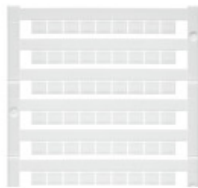
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Accessories

Type	TW 4 SAK4-10 BL	Version	
Order No.	0130180000	SAK Series, Separation plate, 1.5 mm, blue	
GTIN (EAN)	4008190114138		
Qty.	20 pc(s).		

Custom printing



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 5/6.5 MC SDR	Version	
Order No.	1609850000	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50	
GTIN (EAN)	4008190456610	Weidmueller, To customer specification	
Qty.	180 pc(s).		

Screwing



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	BFSC M3X25	Version	
Order No.	0292500000	Accessories, Mounting screw, for cross-connection link	
GTIN (EAN)	4008190177027		
Qty.	100 pc(s).		

Data sheet

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Accessories

Non-insulated sockets



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	STB 14/D5/2.3/M3 SAK2.5	Version
Order No.	016860000	SAK Series, Socket
GTIN (EAN)	4008190135225	
Qty.	50 pc(s).	

Connection sleeves



VH 12/4.9/3.3 024900

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General ordering data

Type	VH 13.5/4.9/3.3 SAK4	Version
Order No.	024850000	SAK Series, Connecting sleeve, for cross-connection link, Number of poles: 1
GTIN (EAN)	4008190022723	
Qty.	100 pc(s).	
Type	VH 19/5/3.5 SAK4-16	Version
Order No.	028510000	SAK Series, Connecting sleeve, for cross-connection link, Number of poles: 1
GTIN (EAN)	4008190189297	
Qty.	50 pc(s).	

SAK Series SAK 4/35 KRG

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Accessories

Q / SAK



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General ordering data

Type	Q 4 SAK4	Version
Order No.	0336900000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190036201	poles: 4
Qty.	50 pc(s).	
Type	Q 10 SAK4	Version
Order No.	0368800000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190049478	poles: 10
Qty.	20 pc(s).	
Type	Q 2 SAK4	Version
Order No.	0336700000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190033842	poles: 2
Qty.	50 pc(s).	
Type	Q 3 SAK4	Version
Order No.	0336800000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190089795	poles: 3
Qty.	50 pc(s).	

Small partition



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	TSCH 2	Version
Order No.	0353660000	SAK Series, Small partition, beige, 0.6 mm
GTIN (EAN)	4008190128432	
Qty.	100 pc(s).	
Type	TSCH 1	Version
Order No.	0319160000	SAK Series, Small partition, beige, 2 mm
GTIN (EAN)	4008190097219	
Qty.	100 pc(s).	

SAK Series SAK 4/35 KRG

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Accessories

Locking tabs



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General ordering data

Type	VL 2 SAK4	Version
Order No.	019700000	SAK Series, Cross-connection lug, for cross-connection link, Number
GTIN (EAN)	4008190000271	of poles: 2
Qty.	50 pc(s).	

End plates



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	AP SAK4-10 I	Version
Order No.	0117910000	SAK Series, End plate, 1.5 mm, Light Grey, Direct mounting
GTIN (EAN)	4008190183707	
Qty.	20 pc(s).	
Type	AP SAK4-10	Version
Order No.	0117960000	SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190081485	
Qty.	20 pc(s).	
Type	AP SAK4-10 KRG/BL	Version
Order No.	0117970000	SAK Series, End plate, 1.5 mm, blue, Direct mounting
GTIN (EAN)	4008190049607	
Qty.	20 pc(s).	
Type	AP SAK4-10 RT	Version
Order No.	0117900000	SAK Series, End plate, 1.5 mm, red, Direct mounting
GTIN (EAN)	4008190125059	
Qty.	20 pc(s).	
Type	AP SAK4-10 DB	Version
Order No.	0105100000	SAK Series, End plate, 1.5 mm, dark beige, Direct mounting
GTIN (EAN)	4008190394875	
Qty.	20 pc(s).	

Data sheet**SAK Series
SAK 4/35 KRG**

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Accessories

Type	AP SAK4-10 KRG	Version
Order No.	0117920000	SAK Series, End plate, 1.5 mm, dark beige, yellow, Direct mounting
GTIN (EAN)	4008190135904	
Qty.	20 pc(s).	

Type	AP SAK4-10 BL	Version
Order No.	0117980000	SAK Series, End plate, 1.5 mm, blue, Direct mounting
GTIN (EAN)	4008190171087	
Qty.	20 pc(s).	