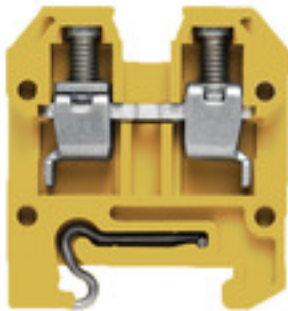


**SAK Series  
AKZ 4 KRG**

**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**

Type	AKZ 4 KRG
Order No.	<a href="#">0294320000</a>
GTIN (EAN)	4008 19004805 1
Qty.	100 pc(s).

**SAK Series  
AKZ 4 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

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

Width	6.1 mm	Width (inches)	0.24 inch
Height	27 mm	Height (inches)	1.063 inch
Depth	29 mm	Depth (inches)	1.142 inch
Weight	6.75 g	Net weight	6.7 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)	SIRA02ATEX3001U	Certificate No. (IECEX)	IECEXSIR05.0038U
Max. voltage (ATEX)	275 V	Current (ATEX)	28 A
Wire cross section max. (ATEX)	4 mm <sup>2</sup>	Max. voltage (IECEX)	275 V
Current (IECEX)	28 A	Wire cross section max. (IECEX)	4 mm <sup>2</sup>
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 15	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Explosion-tested version	Yes	Open sides	right
Type of mounting	Snap-on		

**CSA rating data**

Certificate No. (CSA)	12400-143	Current size C (CSA)	10 A
Voltage size C (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	24 AWG		

**SAK Series**  
**AKZ 4 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

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

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Clamping screw	M 3
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	2	Stripping length	8 mm
Tightening torque, max.	0.8 Nm	Tightening torque, min.	0.6 Nm
Torque level with DMS electric screwdriver	2	Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 24
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**Rating data**

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	400 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	6 kV
Pollution severity	3		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG
Conductor size Field wiring min. (UR)	22 AWG	Current size C (UR)	27 A
Voltage size C (UR)	300 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

**Data sheet****SAK Series  
AKZ 4 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

**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Certificate</a> <a href="#">CB Testreport</a> <a href="#">DE_PT1371_20160414_004_ISSUE01.pdf</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
Engineering Data	<a href="#">STEP</a>
Product Change Notification	<a href="#">Technical change of AKZ 4 KRG - DE</a> <a href="#">Technical change of AKZ 4 KRG - EN</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**

Safety notice	<a href="#">Safety Information</a>
---------------	------------------------------------

**SAK Series  
AKZ 4 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

**Accessories****Q / AKZ****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	Q 2 AKZ4	Version
Order No.	<a href="#">0336400000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190037680	poles: 2
Qty.	50 pc(s).	
Type	Q 2 AKZ4SS	Version
Order No.	<a href="#">0369000000</a>	SAK Series, Cross-connector, Number of poles: 2
GTIN (EAN)	4008190143589	
Qty.	50 pc(s).	
Type	Q 3 AKZ1.5	Version
Order No.	<a href="#">0368300000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190074913	poles: 3
Qty.	50 pc(s).	
Type	Q 4 AKZ1.5	Version
Order No.	<a href="#">0368400000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190153892	poles: 4
Qty.	50 pc(s).	
Type	Q 10 AKZ1.5	Version
Order No.	<a href="#">0368500000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190159481	poles: 10
Qty.	20 pc(s).	
Type	Q 10 AKZ4SS	Version
Order No.	<a href="#">0369300000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190065744	poles: 10
Qty.	20 pc(s).	
Type	Q 2 AKZ1.5	Version
Order No.	<a href="#">0368200000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190149987	poles: 2
Qty.	50 pc(s).	
Type	Q 3 AKZ4	Version
Order No.	<a href="#">0336500000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190121730	poles: 3
Qty.	50 pc(s).	
Type	Q 10 AKZ4	Version
Order No.	<a href="#">0368600000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190056766	poles: 10
Qty.	20 pc(s).	

## Data sheet

### SAK Series AKZ 4 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

## Accessories

Type	Q 4 AKZ4	Version
Order No.	<a href="#">0336600000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190096656	poles: 4
Qty.	50 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.	<a href="#">0180400000</a>	Accessories, Test plug
GTIN (EAN)	4008190060121	
Qty.	20 pc(s).	

### 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

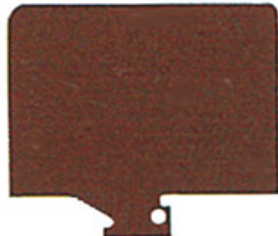
Type	AD 4 AKZ4	Version
Order No.	<a href="#">0303400000</a>	SAK Series, cover plate, yellow, 20 mm
GTIN (EAN)	4008190068158	
Qty.	50 pc(s).	

## SAK Series AKZ 4 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

# Accessories

## Partition plates



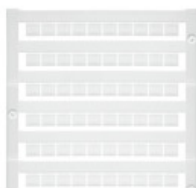
### Klippon® Connect with clamping yoke Technology

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	TW AKZ4	Version
Order No.	<a href="#">0348260000</a>	SAK Series, Separation plate, 0.6 mm, dark beige, Used between
GTIN (EAN)	4008190128241	terminals
Qty.	50 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 5/6 MC NE WS	Version
Order No.	<a href="#">1609820000</a>	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 pc(s).	

**SAK Series  
AKZ 4 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

**Accessories**

**Non-insulated sockets**



**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	STB 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	<a href="#">0215700000</a>	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 pc(s).	

**Connection sleeves**



**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.

VH 12/4.9/3.3 024900

**General ordering data**

Type	VH 10/4/2.8 AKZ4	Version
Order No.	<a href="#">0446600000</a>	SAK Series, Connecting sleeve, for cross-connection link, Number of poles: 1
GTIN (EAN)	4008190176211	
Qty.	50 pc(s).	



**SAK Series  
AKZ 4 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

**Accessories**

**Small partition**



**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	TSCH 4 AKZ4	Version
Order No.	<a href="#">0363360000</a>	SAK Series, Small partition, beige, 6 mm
GTIN (EAN)	4008190136680	
Qty.	100 pc(s).	

**Locking tabs**



**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	VL 2 AKZ4/DK4	Version
Order No.	<a href="#">0446700000</a>	SAK Series, Cross-connection lug, for cross-connection link, Number
GTIN (EAN)	4008190055486	of poles: 2
Qty.	50 pc(s).	

**SAK Series  
AKZ 4 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

**Accessories**

**End plates**



**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	AP AKZ4 BL	Version
Order No.	<a href="#">0294480000</a>	SAK Series, End plate, 1.5 mm, blue, Direct mounting
GTIN (EAN)	4008190021832	
Qty.	20 pc(s).	
Type	AP AKZ4	Version
Order No.	<a href="#">0294460000</a>	SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190466268	
Qty.	20 pc(s).	