

**SAKK 4 KER/WS****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

Version	Feed-through terminal block, Screw connection, 4 mm <sup>2</sup> , 800 V, 32 A, Number of connections: 2
Order No.	<a href="#">1598080000</a>
Type	SAKK 4 KER/WS
GTIN (EAN)	4008190020729
Qty.	25 pc(s).

## SAKK 4 KER/WS

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## Technical data

## Dimensions and weights

Depth	53 mm	Depth (inches)	2.087 inch
Height	40 mm	Height (inches)	1.575 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	31.56 g		

## Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	250 °C

## Material data

Material	Ceramic	Colour	white
UL 94 flammability rating	V-0, 5VB		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV18ATEX8208U	Certificate No. (IECEX)	IECEXTUR18.0018U
Max. voltage (ATEX)	440 V	Current (ATEX)	32 A
Wire cross section max. (ATEX)	6 mm <sup>2</sup>	Max. voltage (IECEX)	440 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	6 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 2014/34/EU label	II 2 G D		Ex eb II C Gb

## 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 32	N-function	No
PE function	No	PEN function	No

## Additional technical data

Explosion-tested version	Yes	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

## CSA rating data

Certificate No. (CSA)	12400-290	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 (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.33 mm <sup>2</sup>	Clamping screw	M 3
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	2	Stripping length	10 mm
Tightening torque, max.	0.5 Nm	Tightening torque, min.	0.5 Nm
Torque level with DMS electric screw-driver	2	Twin wire-end ferrules, max.	2.5 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 10	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 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.	4 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, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

## General

Installation advice	Direct mounting	Rail	TS 32
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 22		

## Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	800 V
Rated DC 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	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	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)	26 AWG	Current size C (UR)	30 A
Voltage size C (UR)	600 V		

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## Technical data

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

## Environmental Product Compliance

REACH SVHC

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## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation Of Conformity</a> <a href="#">ATEX Certificate</a> <a href="#">IECEx Certificate</a> <a href="#">CB Certificate</a> <a href="#">CB Test Certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
Product Change Notification	<a href="#">PCN_SAKK_20190405</a>
User Documentation	<a href="#">NTI SAKK 4</a> <a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Accessories

## SAK-Series

SAK  
Series

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

## General ordering data

Type	AP SAKK4/10 KER/WS	Version
Order No.	<a href="#">9502630000</a>	End plate (terminals), 40 mm x 3 mm, white
GTIN (EAN)	4008190047290	
Qty.	10 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 5/5 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).	

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Blank**

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**General ordering data**

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).	

**Blank**

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

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## Accessories

## Custom printing



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- 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 5/6.5 MC SDR	Version
Order No.	<a href="#">1609850000</a>	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).	
Type	DEK 5/6.5 PLUS MC SDR	Version
Order No.	<a href="#">1046360000</a>	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4032248782062	Weidmueller, To customer specification
Qty.	180 pc(s).	

## Connection sleeves



## General ordering data

Type	VH 13.5/4.9/3.3 NI	Version
Order No.	<a href="#">9502580000</a>	Connecting sleeve (terminal), Depth: 13.5 mm, Cu Zn
GTIN (EAN)	4008190550578	
Qty.	100 pc(s).	

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## Accessories

## SchT group marker carrier



The SchT 5 S group tag carriers are clipped directly onto the TS 32 mounting rail (G-rail) or the TS 35 mounting rail (top-hat rail). It is therefore possible to label the terminal strip irrespective of the terminal and the type of terminal. SchT 5 and SchT 5 S are fitted with ESO 5, STR 5 protective strips.

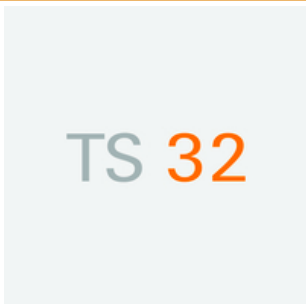
The SchT 7 is a hinged group tag carrier for inlay tags which enables easy access to the clamping screw. The SchT 7 is fitted with ESO 7, STR 7 protective strips or DEK 5.

Inlay tags and protective strips can be found under "Accessories".

## General ordering data

Type	SCHT 7	Version
Order No.	<a href="#">0517960000</a>	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00
GTIN (EAN)	4008190001742	Weidmueller, white
Qty.	20 pc(s).	

## TS 32



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

## General ordering data

Type	MEW 1/32	Version
Order No.	<a href="#">0445600000</a>	End bracket, Steel, grey, Rail: TS 32, when screwed in
GTIN (EAN)	4008190178093	
Qty.	20 pc(s).	



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## Accessories

## Plus



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- 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 5/6.5 PLUS MC NE WS	Version
Order No.	<a href="#">1046340000</a>	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4032248782048	Weidmueller, white
Qty.	900 pc(s).	
Type	DEK 5/6.5 PLUS MC NE GE	Version
Order No.	<a href="#">1364020000</a>	Dekafix, Terminal marker, 5 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4050118166057	Weidmueller, yellow
Qty.	900 pc(s).	

## Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	
Type	BZT 1 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	

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## Accessories

## QL mounting screws



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

## General ordering data

Type	KISC M3X20.5/10 EK4	Version
Order No.	<a href="#">0303000000</a>	Clamping yoke, Mounting screw, Steel
GTIN (EAN)	4008190163686	
Qty.	100 pc(s).	

## QL / SAKK 4



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

## General ordering data

Type	QL 2 SAKK4	Version
Order No.	<a href="#">9502540000</a>	Cross-connector (terminal), when screwed in, Number of poles: 2,
GTIN (EAN)	4008190550530	Pitch in mm (P): 8.00, Insulated: No, 32 A, grey
Qty.	100 pc(s).	
Type	QL 4 SAKK4	Version
Order No.	<a href="#">9502560000</a>	Cross-connector (terminal), when screwed in, Number of poles: 4,
GTIN (EAN)	4008190550554	Pitch in mm (P): 8.00, Insulated: No, 32 A, grey
Qty.	50 pc(s).	