

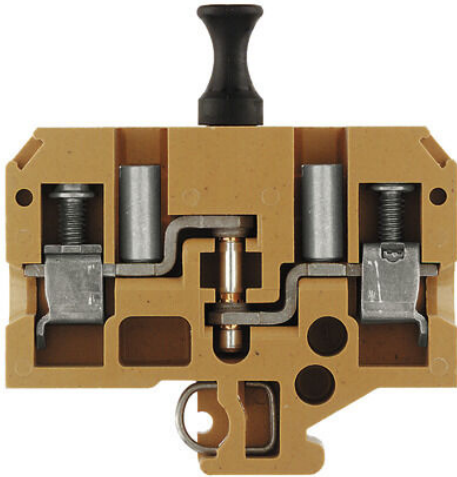
**SAKC 10 2STB****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

**General ordering data**

Version	Test-disconnect terminal, Screw connection, medium yellow, 10 mm <sup>2</sup> , 26 A, 500 V, Number of connections: 2, Number of levels: 1
Order No.	<a href="#">0324120000</a>
Type	SAKC 10 2STB
GTIN (EAN)	4008190049959
Qty.	50 items

## SAKC 10 2STB

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

## Dimensions and weights

Depth	52.5 mm	Depth (inches)	2.0669 inch
Height	65 mm	Height (inches)	2.5591 inch
Width	12 mm	Width (inches)	0.4724 inch
Net weight	46.2 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	999cd67e-471e-4085-8dba-1342fcea86de

## Material data

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

## System specifications

Version	Screw connection, Spacer, With sockets, 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
Mounting rail	TS 32	N-function	No
PE function	No	PEN function	No

## Additional technical data

Open sides	right	Installation advice	Rail
Explosion-tested version	No	Type of mounting	Snap-on

## CSA rating data

Wire cross section max. (CSA)	10 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	25 A	Certificate No. (CSA)	12400-186
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A
Wire cross section min. (CSA)	20 AWG		

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## Technical data

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	B6	Wire connection cross section AWG, max.	AWG 8
Connection direction	on side	Tightening torque, max.	2.4 Nm
Tightening torque, min.	1.2 Nm	Stripping length	12 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	2	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0.33 mm <sup>2</sup>	Clamping screw	M 4
Blade size	1.0 x 5.5 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.33 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.33 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.33 mm <sup>2</sup>
Connection cross-section, stranded, max.	10 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.33 mm <sup>2</sup>
Torque level with DMS electric screwdriver	4	Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.33 mm <sup>2</sup>	Connection cross-section, finely stranded, min.	0.33 mm <sup>2</sup>

## General

Wire connection cross section AWG, max.	AWG 8	Installation advice	Rail
Wire connection cross section AWG, min.	AWG 22	Standards	IEC 60947-7-1
Mounting rail	TS 32		

## Rating data

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	26 A
Current at maximum wires	27 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.82 W	Pollution severity	3

## UL rating data

Conductor size Factory wiring max. (UR)	8 AWG	Current size C (UR)	25 A
Voltage size C (UR)	600 V	Conductor size Factory wiring min. (UR)	26 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	8 AWG		

## Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09

**Technical data**

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ECLASS 15.0

27-25-01-09

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## SAKC 10 2STB

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## Accessories

## Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

## General ordering data

Type	QL 2 SAKA10	Version
Order No.	<a href="#">0135500000</a>	Cross-connector (terminal), when screwed in, grey, 32 A, Number of poles: 2, Pitch in mm (P): 12.00, Insulated: No, Width: 19.9 mm
GTIN (EAN)	4008190099404	
Qty.	50 ST	
Type	QL 3 SAKA10	Version
Order No.	<a href="#">0135600000</a>	Cross-connector (terminal), when screwed in, grey, 36 A, Number of poles: 3, Pitch in mm (P): 12.00, Insulated: No, Width: 31.8 mm
GTIN (EAN)	4008190032081	
Qty.	50 ST	

## Disconnect plugs



In contrast to the terminal blocks with integrated disconnect lever, our disconnect plugs can be completely detached or removed from the terminal block and the respective application and offer a flexible alternative solution to our standard disconnectors.

## General ordering data

Type	QL 4 SAKA10	Version
Order No.	<a href="#">0135700000</a>	Cross-connector (terminal), when screwed in, grey, 36 A, Number of poles: 4, Pitch in mm (P): 12.00, Insulated: No, Width: 43.7 mm
GTIN (EAN)	4008190118822	
Qty.	50 ST	
Type	QL 10 SAKA10	Version
Order No.	<a href="#">0338500000</a>	Cross-connector (terminal), when screwed in, grey, 57 A, Number of poles: 10, Pitch in mm (P): 6.00, Insulated: No, Width: 115.1 mm
GTIN (EAN)	4008190063313	
Qty.	20 ST	

## SAKC 10 2STB

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## Accessories

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## End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

## General ordering data

Type	AP SAKB/C/T KRG	Version
Order No.	<a href="#">0146720000</a>	End plate for terminals, dark beige, yellow, Height: 65 mm, Width: 3 mm, V-O, KrG, Snap-on: Yes
GTIN (EAN)	4008190027995	
Qty.	20 ST	
Type	TW SAKB/C/T	Version
Order No.	<a href="#">0242920000</a>	Partition plate (terminal), beige, Height: 75 mm, Width: 3 mm, V-2, KrG
GTIN (EAN)	4008190069933	
Qty.	20 ST	

## Testadapter and testsockets



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

## General ordering data

Type	PS 4 F.STB 4	Version
Order No.	<a href="#">0299600000</a>	Test adapter (terminal), 230 V
GTIN (EAN)	4008190074043	
Qty.	20 ST	

## Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

## SAKC 10 2STB

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## Accessories

## General ordering data

Type	SS M4 D 128-A 4	Version	
Order No.	<a href="#">0136400000</a>	Lock washer, Copper	
GTIN (EAN)	4008190118143		
Qty.	100 ST		
Type	BFSC M4X20	Version	
Order No.	<a href="#">0362800000</a>	Mounting screw (Terminal), 4.00 mm, Steel, Depth: 7 mm, Width: 7	
GTIN (EAN)	4008190114053	mm, Height: 20 mm	
Qty.	100 ST		

## Cross-connections



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## General ordering data

Type	VH 13.6/6.3/4.3	Version	
Order No.	<a href="#">0299700000</a>	Connecting sleeve (terminal), when screwed in, Width: 7 mm, Height:	
GTIN (EAN)	4008190018313	7 mm, Depth: 13.6 mm, Number of poles: 1, Cu Zn	
Qty.	50 ST		

## 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.	<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 ST		

## SAKC 10 2STB

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## Accessories

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## Blank



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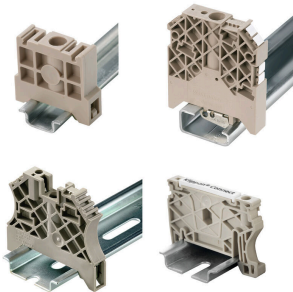
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  - Terminal markers, suitable for all Weidmüller cable connectors
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- For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

Type	DEK 5/6.5 MC NE WS	Version	
Order No.	<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 ST		

## End bracket



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	EW 35	Version	
Order No.	<a href="#">0383560000</a>		End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314		
Qty.	50 ST		
Type	EWK 1	Version	
Order No.	<a href="#">0206160000</a>		End bracket, beige, TS 32, V-0, Wemid, Width: 9 mm, 100 °C
GTIN (EAN)	4008190080020		
Qty.	50 ST		

### 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
- 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 ST		

### Blank



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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
- 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 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.	1000 ST		

## SAKC 10 2STB

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## Accessories

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## End plates and partition plates

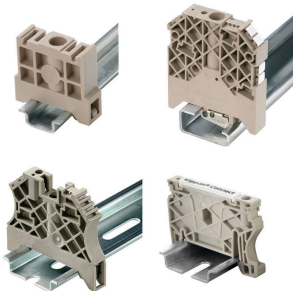


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

## General ordering data

Type	WTW EN	Version
Order No.	<a href="#">1058800000</a>	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,
GTIN (EAN)	4008190140175	V-0, Wemid
Qty.	20 ST	

## End bracket



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	EWK 1 ALT	Version
Order No.	<a href="#">0495160000</a>	End bracket, beige, TS 32, V-2, Polyamide 66, Width: 8 mm, 100 °C
GTIN (EAN)	4008190160777	
Qty.	50 ST	
Type	EWK 2	Version
Order No.	<a href="#">0199360000</a>	End bracket, beige, TS 32, V-0, Wemid, Width: 15 mm, 100 °C
GTIN (EAN)	4008190023546	
Qty.	50 ST	
Type	WEW 32/1	Version
Order No.	<a href="#">1067600000</a>	End bracket, dark beige, TS 32, V-2, PA 66 GF 30, Width: 12 mm,
GTIN (EAN)	4008190099657	100 °C
Qty.	50 ST	

### 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
- 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 SDR	Version	
Order No.	<a href="#">1609830000</a>	Version	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190456603	Version	Weidmueller, To customer specification
Qty.	200 ST		

### 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.

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  - 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 MC NE WS	Version	
Order No.	<a href="#">1609820000</a>	Version	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Version	Weidmueller, white
Qty.	1000 ST		
Type	DEK 5/8 MC NE WS	Version	
Order No.	<a href="#">1856740000</a>	Version	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400850	Version	Weidmueller, white
Qty.	800 ST		

### Custom printing



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### General ordering data

Type	DEK 5/8 MC SDR	Version	
Order No.	<a href="#">1856750000</a>		Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867		Weidmueller, To customer specification
Qty.	160 ST		

### Plus



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- Large range of ready-to-use markers
  - Strips for fast installation
  - Terminal markers, suitable for all Weidmüller cable connectors
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### General ordering data

Type	DEK 5/8 PLUS MC NE WS	Version	
Order No.	<a href="#">1046350000</a>		Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782055		Weidmueller, white
Qty.	800 ST		

## Accessories

### Custom printing



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### General ordering data

Type	DEK 5/8 PLUS MC SDR	Version	
Order No.	<a href="#">1046370000</a>		Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248782079		Weidmueller, To customer specification
Qty.	160 ST		

### DEK 5/8



#### WS/ DEK

MultiMark terminal 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 5/8 MM WS	Version	
Order No.	<a href="#">2007130000</a>		Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012		
Qty.	500 ST		

## Accessories

### 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 WS 10/5	Version
Order No.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	

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

### DEK 5/6



#### WS/ DEK

MultiMark terminal 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 5/6 MM WS	Version
Order No.	<a href="#">2007120000</a>	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 ST	