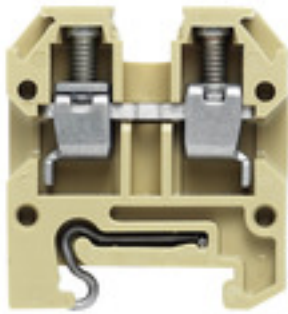


**SAK Series
AKZ 4/10**

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 4/10
Order No.	0359560000
Version	SAK Series, Feed-through terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4008 190083021
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Width	60 mm	Width (inches)	2.362 inch
Height	27 mm	Height (inches)	1.063 inch
Depth	29 mm	Depth (inches)	1.142 inch
Depth including DIN rail	30.5 mm	Weight	57 g
Net weight	56.5 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.	-50 °C	Continuous operating temp., max.	100 °C

Material data

Material	PA 66	Colour	beige / yellow
UL 94 flammability rating	V-2		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV18ATEX8221U	Certificate No. (IECEX)	IECEXTUR18.0024U
Max. voltage (ATEX)	275 V	Current (ATEX)	32 A
Wire cross section max. (ATEX)	6 mm ²	Max. voltage (IECEX)	275 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	6 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 15	N-function	No
PE function	No	PEN function	No

Additional technical data

Explosion-tested version	Yes	Number of similar terminals	10
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		

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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.	1.5 mm ²
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 ²
Twin wire-end ferrules, min.	0.5 mm ²	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 ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	2.5 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

Dimensions

TS 15 offset	13.5 mm	TS 32 offset	31 mm
TS 35 offset	31 mm		

Rating data

Rated cross-section	4 mm ²	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

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	Attestation Of Conformity ATEX Certificate IECEX Certificate
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	NTI AKZ 4 StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Accessories

Q / AKZ



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General ordering data

Type	Q 2 AKZ4	Version
Order No.	0336400000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190037680	poles: 2
Qty.	50 pc(s).	
Type	Q 3 AKZ4	Version
Order No.	0336500000	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.	0368600000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190056766	poles: 10
Qty.	20 pc(s).	
Type	Q 4 AKZ4	Version
Order No.	0336600000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190096656	poles: 4
Qty.	50 pc(s).	

End bracket



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General ordering data

Type	EW 15	Version
Order No.	0382860000	Accessories, End bracket
GTIN (EAN)	4008190187804	
Qty.	50 pc(s).	

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Accessories

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).	

Covers



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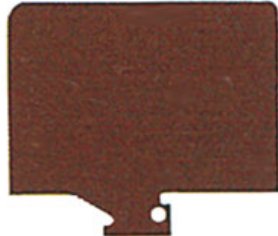
Type	AD 4 AKZ4	Version
Order No.	0303400000	SAK Series, cover plate, yellow, 20 mm
GTIN (EAN)	4008190068158	
Qty.	50 pc(s).	

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Accessories

Partition plates



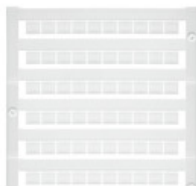
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General ordering data

Type	TW AKZ4	Version
Order No.	0348260000	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.	1609820000	Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00
GTIN (EAN)	4008190203436	Weidmueller, white
Qty.	1,000 pc(s).	

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Accessories

Non-insulated sockets



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General ordering data

Type	STB 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	0215700000	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 pc(s).	

Small partition



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General ordering data

Type	TSCH 4 AKZ4	Version
Order No.	0363360000	SAK Series, Small partition, beige, 6 mm
GTIN (EAN)	4008190136680	
Qty.	100 pc(s).	

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Accessories

End plates



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General ordering data

Type	AP AKZ4 BL	Version
Order No.	0294480000	SAK Series, End plate, 1.5 mm, blue, Direct mounting
GTIN (EAN)	4008190021832	
Qty.	20 pc(s).	
Type	AP AKZ4	Version
Order No.	0294460000	SAK Series, End plate, 1.5 mm, beige, Direct mounting
GTIN (EAN)	4008190466268	
Qty.	20 pc(s).	