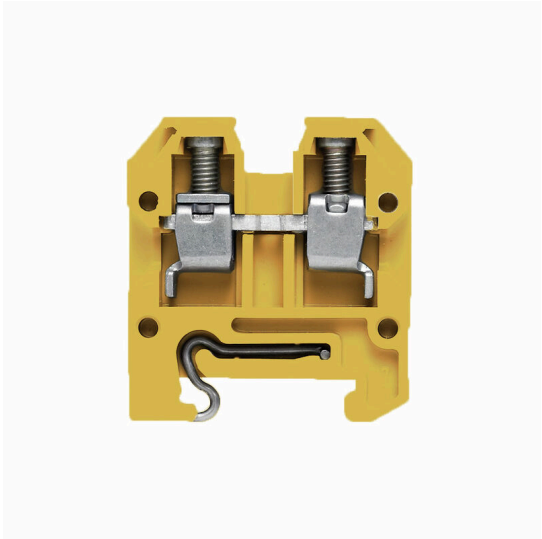
Data sheet

AKZ 4 KRG

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



Thanks to their compact design, Mini rail-mounted terminal blocks are ideal for working in confined spaces such as small housings and terminal boxes.

General ordering data

Version	Feed-through terminal block, Screw connection, medium yellow, 4 mm², 32 A, 400 V, Number of connections: 2
Order No.	0294320000
Type	AKZ 4 KRG
GTIN (EAN)	4008190048051
Qty.	100 items
Delivery status	Discontinued
Available until	2023-12-31T00:00:00+01:00
Alternative product	AKZ 4

Data sheet

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Technical data

Approvals

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

Dimensions and weights

Depth	29 mm	Depth (inches)	1.1417 inch
Depth including DIN rail	30.5 mm	Height	28.5 mm
Height (inches)	1.122 inch	Width	6.1 mm
Width (inches)	0.2402 inch	Net weight	5.82 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

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

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
Mounting rail	TS 15	N-function	No
PE function	No	PEN function	No

Additional technical data

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

CSA rating data

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

Data sheet

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Technical data

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.8 Nm
Tightening torque, min.	0.6 Nm	Stripping length	8 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	6 mm²	Clamping range, min.	0.13 mm²
Clamping screw	M 3	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 24	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross section, finely stranded, max.	4 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	0.5 mm²	Twin wire-end ferrules, max.	1.5 mm²
Twin wire-end ferrules, min.	0.5 mm²	Torque level with DMS electric screwdriver	2
Wire connection cross-section, solid core, max.	6 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 24	Standards	IEC 60947-7-1
Mounting rail	TS 15		

Rating data

Rated cross-section	4 mm²	Rated voltage	400 V
Rated DC voltage	400 V	Nominal 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	6 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (UR)	12 AWG	Current size C (UR)	27 A
Voltage size C (UR)	300 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)	12 AWG		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

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Accessories

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	Q 2 AKZ1.5	Version
Order No.	0368200000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190149987	poles: 2, Pitch in mm (P): 5.10, Insulated: No, Width: 9.1 mm
Qty.	50 ST	
Type	Q 2 AKZ4	Version
Order No.	0336400000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190037680	poles: 2, Pitch in mm (P): 6.10, Insulated: No, Width: 11.1 mm
Qty.	50 ST	

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	Q 2 AKZ4SS	Version
Order No.	0369000000	Cross-connector (terminal), when screwed in, grey, 32 A, Number of
GTIN (EAN)	4008190143589	poles: 2, Pitch in mm (P): 5.10, Insulated: No, Width: 11.1 mm
Qty.	50 ST	
Type	Q 3 AKZ1.5	Version
Order No.	0368300000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190074913	poles: 3, Pitch in mm (P): 5.10, Insulated: No, Width: 14.2 mm
Qty.	50 ST	

AKZ 4 KRG

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Accessories

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	Q 3 AKZ4	Version
Order No.	0336500000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190121730	poles: 3, Pitch in mm (P): 6.10, Insulated: No, Width: 17.2 mm
Qty.	50 ST	

Cross-connections



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General ordering data

Type	Q 4 AKZ1.5	Version
Order No.	0368400000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190153892	poles: 4, Pitch in mm (P): 5.10, Insulated: No, Width: 19.3 mm
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	Q 4 AKZ4	Version
Order No.	0336600000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190096656	poles: 4, Pitch in mm (P): 6.10, Insulated: No, Width: 23.3 mm
Qty.	50 ST	

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Accessories

Cross-connections



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General ordering data

Type	Q 10 AKZ1.5	Version
Order No.	0368500000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190159481	poles: 10, Pitch in mm (P): 5.10, Insulated: No, Width: 49.9 mm
Qty.	20 ST	
Type	Q 10 AKZ4	Version
Order No.	0368600000	Cross-connector (terminal), when screwed in, grey, 24 A, Number of
GTIN (EAN)	4008190056766	poles: 10, Pitch in mm (P): 6.10, Insulated: No, Width: 59.9 mm
Qty.	20 ST	
Type	Q 10 AKZ4SS	Version
Order No.	0369300000	Cross-connector (terminal), when screwed in, grey, 32 A, Number of
GTIN (EAN)	4008190065744	poles: 10, Pitch in mm (P): 5.10, Insulated: No, Width: 59.9 mm
Qty.	20 ST	

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 AKZ4	Version
Order No.	0294460000	End plate for terminals, dark beige, Height: 27 mm, Width: 1.5 mm,
GTIN (EAN)	4008190466268	V-0, Wemid, Snap-on: Yes
Qty.	20 ST	
Type	AP AKZ4 BL	Version
Order No.	0294480000	End plate for terminals, blue, Height: 27 mm, Width: 1.5 mm, V-2, PA
GTIN (EAN)	4008190021832	66, Snap-on: Yes
Qty.	20 ST	
Type	TW AKZ4	Version
Order No.	0348260000	Partition plate (terminal), dark beige, Height: 47 mm, Width: 0.6 mm,
GTIN (EAN)	4008190128241	V-2, PA 66
Qty.	50 ST	

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Accessories

Type	TSCH 4 AKZ4	Version
Order No.	0363360000	Small partition (terminal), PA 66, beige, Continuous operating temp.,
GTIN (EAN)	4008190136680	max.: 100 °C
Qty.	100 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 2.3 RT	Version
Order No.	0180400000	Test adapter (terminal), 230 V, 20 mA
GTIN (EAN)	4008190060121	
Qty.	20 ST	
Type	STB 8.5/D4/2.3/M2.5 AKZ	Version
Order No.	0215700000	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 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.

General ordering data

Type	BFSC M2.5X14 SAKD2.5N	Version
Order No.	0266800000	Mounting screw (Terminal), 2.50 mm, Depth: 3.8 mm, Width: 4.5
GTIN (EAN)	4008190084899	mm, Height: 14 mm
Qty.	100 ST	
Type	BFSC M2.5X18 PA/RT	Version
Order No.	0303300000	Mounting screw (Terminal), 2.50 mm, Polyamide 66, Depth: 3.8 mm,
GTIN (EAN)	4008190040673	Width: 4.5 mm, Height: 18 mm
Qty.	100 ST	

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Accessories

Cross-connections

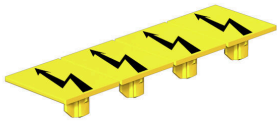


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General ordering data

Type	VL 2 AKZ4/DK4	Version
Order No.	0446700000	Cross-connector (terminal), when screwed in, grey, 32 A, Number of
GTIN (EAN)	4008190055486	poles: 2, Pitch in mm (P): 6.00, Insulated: No, Width: 5 mm
Qty.	50 ST	
Type	VH 10/4/2.8 AKZ4	Version
Order No.	0446600000	Connecting sleeve (terminal), when screwed in, Width: 4 mm, Height:
GTIN (EAN)	4008190176211	4 mm, Depth: 10, Number of poles: 1, Cu Zn
Qty.	50 ST	

Warning cover



Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

General ordering data

Type	AD 4 AKZ4	Version
Order No.	0303400000	Terminal cover, yellow, PVC, Height: 24.2 mm, Width: 20 mm, Depth:
GTIN (EAN)	4008190068158	1 mm, V-2
Qty.	50 ST	

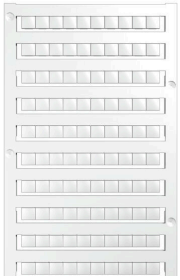
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Accessories

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.

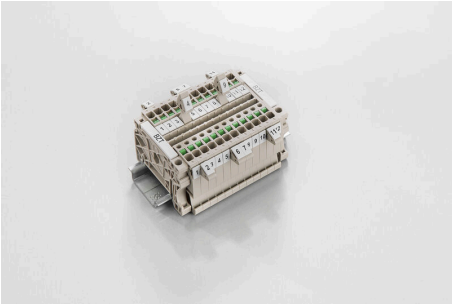
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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 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.	1000 ST	

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 snaped 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.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 ST	

AKZ 4 KRG

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Accessories

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.	2007120000	Dekafix, Terminal marker, 5 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118392104	
Qty.	600 ST	