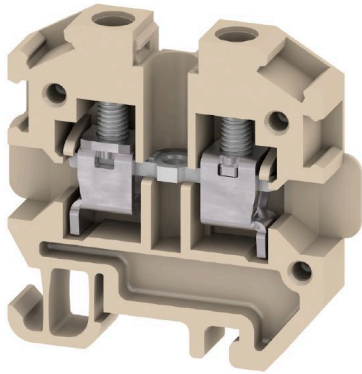


**AK 4/O.ZA****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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, beige / yellow, 4 mm <sup>2</sup> , 32 A, 690 V, Number of connections: 2
Order No.	<a href="#">0489560000</a>
Type	AK 4/O.ZA
GTIN (EAN)	4008190049737
Qty.	100 items
Delivery status	This article will no longer be available in the future.
Available until	2026-06-30T00:00:00+02:00
Alternative product	<a href="#">AKZ 4</a>

## AK 4/O.ZA

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	33 mm	Depth (inches)	1.2992 inch
Height	36.5 mm	Height (inches)	1.437 inch
Width	6 mm	Width (inches)	0.2362 inch
Net weight	6.39 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	100 °C

## Environmental Product Compliance

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

## Material data

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

## 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	1	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	Number of similar terminals	10
Explosion-tested version	No	Type of mounting	Snap-on

## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## 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

## AK 4/O.ZA

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

Tightening torque, min.	0.6 Nm	Stripping length	8 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	6 mm <sup>2</sup>	Clamping range, min.	0.13 mm <sup>2</sup>
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 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 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.	0.13 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.13 mm <sup>2</sup>	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.13 mm <sup>2</sup>	Twin wire-end ferrules, max.	1.5 mm <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	Torque level with DMS electric screwdriver	2
Wire connection cross-section, solid core, max.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.13 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	0.13 mm <sup>2</sup>		

## Dimensions

TS 15 offset	16 mm
--------------	-------

## 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 mm <sup>2</sup>	Rated voltage	690 V
Rated DC voltage	690 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	8 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	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	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

## AK 4/O.ZA

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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	Q 2 AKZ1.5	Version
Order No.	<a href="#">0368200000</a>	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.	<a href="#">0336400000</a>	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	
Type	Q 2 AKZ4SS	Version
Order No.	<a href="#">0369000000</a>	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	

## 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 AKZ1.5	Version
Order No.	<a href="#">0368300000</a>	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	

## AK 4/O.ZA

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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	Q 3 AKZ4	Version
Order No.	<a href="#">0336500000</a>	Cross-connector (terminal), when screwed in, grey, 24 A, Number of poles: 3, Pitch in mm (P): 6.10, Insulated: No, Width: 17.2 mm
GTIN (EAN)	4008190121730	
Qty.	50 ST	
Type	Q 4 AKZ1.5	Version
Order No.	<a href="#">0368400000</a>	Cross-connector (terminal), when screwed in, grey, 24 A, Number of poles: 4, Pitch in mm (P): 5.10, Insulated: No, Width: 19.3 mm
GTIN (EAN)	4008190153892	
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.	<a href="#">0336600000</a>	Cross-connector (terminal), when screwed in, grey, 24 A, Number of poles: 4, Pitch in mm (P): 6.10, Insulated: No, Width: 23.3 mm
GTIN (EAN)	4008190096656	
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.

## AK 4/O.ZA

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## General ordering data

Type	Q 10 AKZ1.5	Version
Order No.	<a href="#">0368500000</a>	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.	<a href="#">0368600000</a>	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	

## 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 10 AKZ4SS	Version
Order No.	<a href="#">0369300000</a>	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	

## 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.	<a href="#">0180400000</a>	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.	<a href="#">0215700000</a>	Accessories, Socket
GTIN (EAN)	4008190184872	
Qty.	50 ST	

## AK 4/O.ZA

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Accessories

## Mounting support

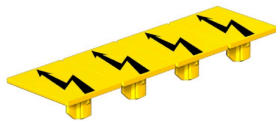


We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards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

## General ordering data

Type	BFSC M2.5X18 PA/RT	Version
Order No.	<a href="#">0303300000</a>	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	

## Warning cover

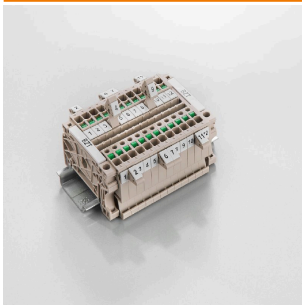


Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

## General ordering data

Type	AD 4 AKZ4	Version
Order No.	<a href="#">0303400000</a>	Terminal cover, yellow, PVC, Height: 24.2 mm, Width: 20 mm, Depth:
GTIN (EAN)	4008190068158	1 mm, V-2
Qty.	50 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 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	

## Accessories

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