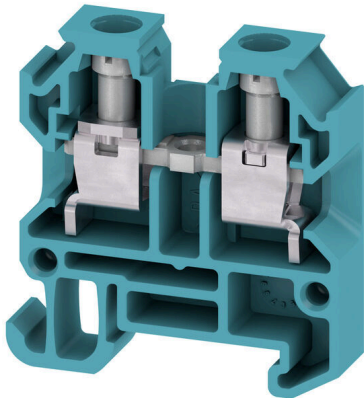


**AKZ 4 WEMID BL**

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

[www.weidmueller.com](http://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, blue, 4 mm <sup>2</sup> , 32 A, 400 V, Number of connections: 2
Order No.	<a href="#">1038680000</a>
Type	AKZ 4 WEMID BL
GTIN (EAN)	403224877466 1
Qty.	100 items
Delivery status	Discontinued
Available until	2023-12-31T00:00:00+01:00
Alternative product	<a href="#">AKZ 4 BL</a>

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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	5.84 g

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

## Environmental Product Compliance

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

## Material data

Basic material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV18ATEX8221U	Certificate No. (IECEX)	ECEXTUR18.0024U
Max. voltage (ATEX)	275 V	Current (ATEX)	32 A
Wire cross section max. (ATEX)	6 mm <sup>2</sup>	Max. voltage (IECEX)	275 V
Current (IECEX)	32 A	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
Mounting rail	TS 15		

## Additional technical data

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

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## Technical data

### 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)	154685-1372355
Wire cross section min. (CSA)	24 AWG		

### 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 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	13.5 mm	TS 32 offset	31 mm
TS 35 offset	31 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	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		

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**Technical data****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

## 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	

## 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	
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 2 AKZ4	Version
Order No.	<a href="#">0336400000</a>	Cross-connector (terminal), when screwed in, grey, 24 A, Number of poles: 2, Pitch in mm (P): 6.10, Insulated: No, Width: 11.1 mm
GTIN (EAN)	4008190037680	
Qty.	50 ST	

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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	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		

## End plates and partition plates

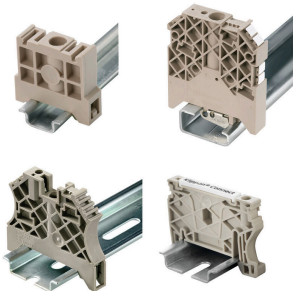


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row 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 DB	Version	
Order No.	<a href="#">9537910000</a>	End plate for terminals, dark beige, Height: 27 mm, Width: 1.5 mm,	
GTIN (EAN)	4008190574864	V-0, Wemid, Snap-on: Yes	
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	EW 15/2	Version	
Order No.	<a href="#">1071900000</a>	End bracket, dark beige, TS 15, HB, Plastic, Width: 8 mm, 100 °C	
GTIN (EAN)	4008190462949		
Qty.	50 ST		

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## Accessories

### End plates and partition plates



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### General ordering data

Type	TW AKZ	Version
Order No.	<a href="#">1190330000</a>	Partition plate (terminal), beige, Height: 37 mm, Width: 2 mm, V-0,
GTIN (EAN)	4032248992379	Wemid
Qty.	50 ST	
Type	TW AKZ GN	Version
Order No.	<a href="#">1190350000</a>	Partition plate (terminal), green, Height: 37 mm, Width: 2 mm, V-0,
GTIN (EAN)	4032248997329	Wemid
Qty.	50 ST	
Type	TW AKZ RT	Version
Order No.	<a href="#">1190340000</a>	Partition plate (terminal), red, Height: 37 mm, Width: 2 mm, V-0,
GTIN (EAN)	4032248997312	Wemid
Qty.	50 ST	
Type	TW AKZ SW	Version
Order No.	<a href="#">1417510000</a>	Partition plate (terminal), black, Height: 37 mm, Width: 2 mm, V-0,
GTIN (EAN)	4050118220957	Wemid
Qty.	50 ST	
Type	TW AKZ WS	Version
Order No.	<a href="#">1190360000</a>	Partition plate (terminal), white, Height: 37 mm, Width: 2 mm, V-0,
GTIN (EAN)	4032248997336	Wemid
Qty.	50 ST	