AKZ 1.5 BL

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, 1.5 mm², 17.5 A, 250 V, Number of connections: 2
Order No.	0340480000
Type	AKZ 1.5 BL
GTIN (EAN)	4008190075378
Qty.	100 items

Technical data

Approvals

Approvals	CCC, CE, CSA, IECEx, INMETRO, KEMA KEUR, ATEX, UKCA, UL

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

Dimensions and weights

Depth	24 mm	Depth (inches)	0.9449 inch
Depth including DIN rail	25 mm	Height	24.8 mm
Height (inches)	0.9764 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	3.08 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	PA 66	Colour	blue
UL 94 flammability rating	V-2		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV18ATEX8221U	Certificate No. (IECEX)	IECEXTUR18.0024U
Max. voltage (ATEX)	220 V	Current (ATEX)	17.5 A
Wire cross section max. (ATEX)	2.5 mm²	Max. voltage (IECEX)	220 V
Current (IECEX)	17.5 A	Wire cross section max. (IECEX)	2.5 mm²
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	N-function	Yes
PE function	No	PEN function	No

Data sheet

AKZ 1.5 BL

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

www.weidmueller.com

Technical data

Additional technical data

Open sides	right	Number of similar terminals	1
Explosion-tested version	Yes	Type of mounting	Clamped

CSA rating data

Wire cross section max. (CSA)	16 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	10 A	Certificate No. (CSA)	12400-144
Wire cross section min. (CSA)	24 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A1	Wire connection cross section AWG, max.	AWG 14
Connection direction	on side	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm	Stripping length	7 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	2.5 mm²	Clamping range, min.	0.21 mm²
Clamping screw	M 2.5	Blade size	3.0 x 0.5 mm
Wire connection cross section AWG, min.	AWG 24	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.21 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.21 mm²	Wire connection cross-section, finely stranded, max.	1.5 mm²
Wire connection cross section, finely stranded, min.	0.21 mm²	Connection cross-section, stranded, max.	1.5 mm²
Connection cross-section, stranded, min.	0.21 mm²	Twin wire-end ferrules, max.	0.75 mm²
Twin wire-end ferrules, min.	0.5 mm²	Torque level with DMS electric screwdriver	1
Wire connection cross-section, solid core, max.	2.5 mm²	Wire connection cross-section, solid core, min.	0.21 mm²
Connection cross-section, finely stranded, min.	0.21 mm²		

Dimensions

TS 15 offset	12.4 mm

General

Number of poles	1	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 24	Standards	IEC 60947-7-1
Mounting rail	TS 15		

Rating data

Rated cross-section	1.5 mm²	Rated voltage	250 V
Rated DC voltage	250 V	Nominal current	17.5 A

Creation date 27.11.2025 09:00:08 MEZ

AKZ 1.5 BL

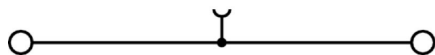## Technical data

Current at maximum wires	24 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.83 mΩ	Rated impulse withstand voltage	4 kV
Power loss in accordance with IEC 60947-7-x	0.56 W	Pollution severity	3

UL rating data

Conductor size Factory wiring max. (UR)	14 AWG	Current size C (UR)	15 A
Voltage size C (UR)	150 V	Conductor size Factory wiring min. (UR)	22 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	22 AWG
Conductor size Field wiring max. (UR)	14 AWG		

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		

AKZ 1.5 BL

Drawings

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.	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	

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.	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	

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 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	

Creation date 27.11.2025 09:00:08 MEZ

Accessories

| 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		

End plates and partition plates

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	AP AKZ1.5	Version	
Order No.	0340560000	End plate for terminals, beige, Height: 22.5 mm, Width: 1.5 mm, V-2,	
GTIN (EAN)	4008190138745	PA 66, Snap-on: Yes	
Qty.	50 ST		
Type	AP AKZ1.5 BL	Version	
Order No.	0340580000	End plate for terminals, blue, Height: 22.5 mm, Width: 1.5 mm, V-2,	
GTIN (EAN)	4008190118907	PA 66, Snap-on: Yes	
Qty.	50 ST		

End bracket
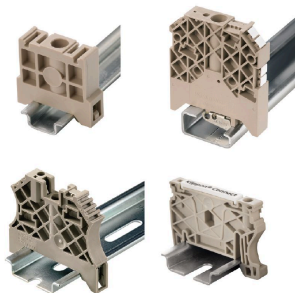
Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	EW 15	Version	
Order No.	0382860000	End bracket, beige, TS 15, V-2, Polyamide 66, Width: 10 mm, 100 ℃	
GTIN (EAN)	4008190187804		
Qty.	50 ST		

Accessories

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		

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 5/5 MC NE WS	Version	
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190397111	Weidmueller, white	
Qty.	1000 ST		

## Accessories
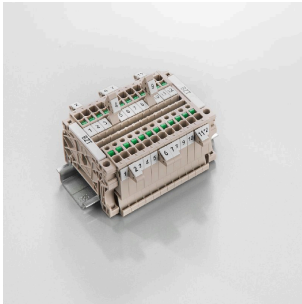
Marker holder

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 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		

DEK 5/5
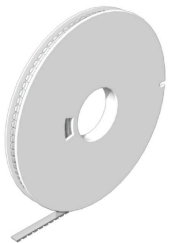
WS/ DEK
MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate 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 5/5 MM WS	Version	
Order No.	2007110000	Dekafix, Terminal marker, 5 x 5 mm, Weidmueller, white	
GTIN (EAN)	4050118391862		
Qty.	800 ST		