AKE 4

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	PE terminal, Screw connection, yellow, green, 4 mm², 500 V, Number of connections: 2, Number of levels: 1, TS 15, V-0, Wemid
Order No.	0380260000
Type	AKE 4
GTIN (EAN)	4008190056841
Qty.	100 items

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Technical data

Approvals

Approvals	

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

Dimensions and weights

Depth	29 mm	Depth (inches)	1.1417 inch
Height	27 mm	Height (inches)	1.063 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	5.38 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	Wemid	Colour	yellow, green
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV18ATEX8221U	Certificate No. (IECEX)	IECEXTUR18.0024U
Wire cross section max. (ATEX)	4 mm²	Wire cross section max. (IECEX)	4 mm²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Screw connection, With PE connection, One end without connector	End cover plate required	No
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	Yes
Mounting rail	TS 15	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Open sides	right	Number of similar terminals	1
Installation advice	Direct mounting	Explosion-tested version	Yes

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Technical data

Type of mounting	Snap-on		

CSA rating data

Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	200039-80109105
Wire cross section min. (CSA)	26 AWG		

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.	1 Nm
Tightening torque, min.	0.5 Nm	Stripping length	9 mm
Type of connection	Screw connection	Number of connections	2
Clamping range, max.	4 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 26	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.	0.13 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.	0.13 mm²	Wire connection cross section, finely stranded, max.	4 mm²
Wire connection cross section, finely stranded, min.	0.13 mm²	Connection cross-section, stranded, max.	4 mm²
Connection cross-section, stranded, min.	0.13 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.	4 mm²	Wire connection cross-section, solid core, min.	0.13 mm²
Connection cross-section, finely stranded, min.	0.13 mm²		

Dimensions

TS 15 offset	16 mm		

General

Wire connection cross section AWG, max.	AWG 12	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Standards	IEC 60947-7-2
Mounting rail	TS 15		

Rating data

Rated cross-section	4 mm²	Rated voltage to adjoining terminal	500 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage to adjacent terminal	6 kV	Power loss in accordance with IEC 60947-7-x	0.00 W
Surge voltage category	III	Pollution severity	3

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## Technical data

UL rating data

Conductor size Factory wiring max. (cURus)	12 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Conductor size Field wiring max. (cURus)	12 AWG		

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 9.0	27-14-11-41
ECLASS 9.1	27-14-11-41	ECLASS 10.0	27-14-11-41
ECLASS 11.0	27-14-11-41	ECLASS 12.0	27-14-11-41
ECLASS 13.0	27-25-01-03	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

Drawings
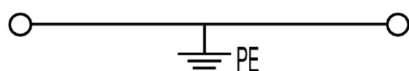
PE

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Accessories
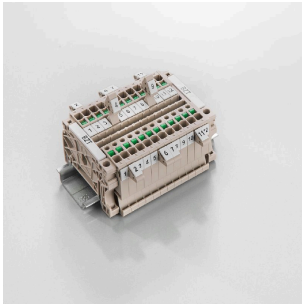
Marker holder

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 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		

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		

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.

Accessories

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		
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		
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		
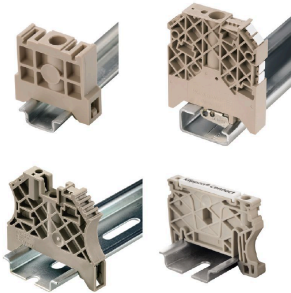
End bracket

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.	1071900000	End bracket, dark beige, TS 15, HB, Plastic, Width: 8 mm, 100 °C	
GTIN (EAN)	4008190462949		
Qty.	50 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	TW AKZ	Version	
Order No.	1190330000	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.	1190350000	Partition plate (terminal), green, Height: 37 mm, Width: 2 mm, V-0,	
GTIN (EAN)	4032248997329	Wemid	
Qty.	50 ST		

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Accessories

Type	TW AKZ RT	Version	
Order No.	1190340000	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.	1417510000	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.	1190360000	Partition plate (terminal), white, Height: 37 mm, Width: 2 mm, V-0,	
GTIN (EAN)	4032248997336	Wemid	
Qty.	50 ST		

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		

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	

### 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 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	

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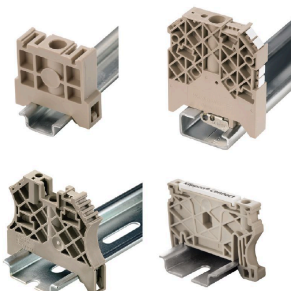
Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

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

www.weidmueller.com

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		