ZEI 6

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

www.weidmueller.com

Product image

Our feed-in terminal blocks in combination with cross-connections offer the possibility of flexible potential distribution on terminal blocks with a different rated cross-section.

General ordering data

Version	Supply terminal, Tension-clamp connection, 6 mm², 500 V, 41 A, dark beige
Order No.	1791190000
Type	ZEI 6
GTIN (EAN)	4032248230662
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	45 mm	Depth (inches)	1.772 inch
Depth including DIN rail	45.5 mm	Height	65 mm
Height (inches)	2.559 inch	Width	10 mm
Width (inches)	0.394 inch	Net weight	20.46 g

Temperatures

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

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, Supply terminal, for plug-in cross-connector, in closed state	End cover plate required	No
Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

Additional technical data

Explosion-tested version	No	Open sides	closed
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Connection type, additional connection	Tension-clamp connection

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	10 mm²
Clamping range, min.	0.5 mm²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	13 mm	Twin wire-end ferrules, max.	2.5 mm²
Twin wire-end ferrules, min.	0.5 mm²	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded, max.	10 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, solid core, max.	10 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

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Technical data

Dimensions

TS 35 offset	39 mm

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22

Rating data

Rated cross-section	6 mm²	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	41 A
Current at maximum wires	57 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	4

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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

Environmental Product Compliance

REACH SVHC	/

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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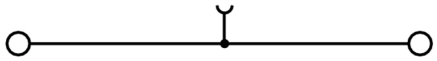
Drawings



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Accessories

Z-Series

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	ZTA 3 ZDU6	Version
Order No.	1654050000	Accessories, Test adapter, 9 A
GTIN (EAN)	4008190420406	
Qty.	25 pc(s).	

WS 12/6

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	WS 12/6 MM WS	Version
Order No.	2007200000	WS, Terminal marker, 12 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118391886	
Qty.	600 pc(s).	

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Accessories

Blank

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.
• Can be fitted in strips or individually
• Markers in proven MultiCard format

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	WS 12/6 MC NE WS	Version
Order No.	1609900000	WS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190203467	Allen-Bradley, white
Qty.	600 pc(s).	

Blank

ZS markers - in proven MultiCard-format - have been developed specifically for the Z-series. They have a large printing area. The hinged mechanism even allows access to cross-connectors without dismantling. Quick installation is guaranteed by the fact that the single tags are clipped on in strips. The single tags are easy to separate.
• Hinged marker area
• Can be fitted in strips or individually
• Markers in proven MultiCard format

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	ZS 12/6 MC NE WS	Version
Order No.	1610020000	ZS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190444600	Allen-Bradley, white
Qty.	400 pc(s).	

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Accessories

Custom printing

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.

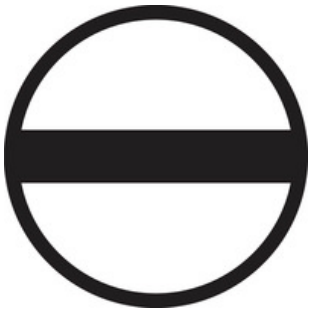
- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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 5/8 MC SDR	Version
Order No.	1856750000	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867	Weidmueller, To customer specification
Qty.	160 pc(s).	

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 1.0X5.5X150	Version
Order No.	2749380000	Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade
GTIN (EAN)	4050118895605	thickness (A): 1 mm
Qty.	1 pc(s).	

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Accessories

W-Series

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	WEW 35/2	Version
Order No.	1061200000	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	
Type	WEW 35/1	Version
Order No.	1059000000	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	

1.5 mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 1.5/4	Version
Order No.	1776140000	Accessories, Cross-connector, 17.5 A
GTIN (EAN)	4032248200160	
Qty.	60 pc(s).	
Type	ZQV 1.5/10	Version
Order No.	1776200000	Accessories, Cross-connector, 17.5 A
GTIN (EAN)	4032248200177	
Qty.	20 pc(s).	
Type	ZQV 1.5/5	Version
Order No.	1776150000	Accessories, Cross-connector, 17.5 A
GTIN (EAN)	4032248236336	
Qty.	20 pc(s).	
Type	ZQV 1.5/3	Version
Order No.	1776130000	Accessories, Cross-connector, 17.5 A
GTIN (EAN)	4032248200153	
Qty.	60 pc(s).	

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Accessories

Type	ZQV 1.5/2	Version
Order No.	1776120000	Accessories, Cross-connector, 17.5 A
GTIN (EAN)	4032248200139	
Qty.	60 pc(s).	

SAK-Series

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 35/SCHA/M3	Version
Order No.	0258660000	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190033477	
Qty.	20 pc(s).	
Type	EW 35	Version
Order No.	0383560000	End bracket, Wemid, beige, Rail: TS 35, when screwed in
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	
Type	EW 35 GR 7032	Version
Order No.	0383530000	End bracket, Wemid, grey, Rail: TS 35, when screwed in
GTIN (EAN)	4008190027322	
Qty.	50 pc(s).	

ZGB pivotable group tag holder

The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.
The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.
Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	ZGB 30	Version
Order No.	1611930000	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	Weidmueller, white
Qty.	20 pc(s).	

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Accessories

Type	ZGB 15	Version
Order No.	1636530000	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmueller, white
Qty.	20 pc(s).	

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 pc(s).	
Type	BZT 2 WS 10/5	Version
Order No.	1805480000	Accessories, Marker holder
GTIN (EAN)	4032248270224	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

Z-Series

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	ZAD 3/4	Version
Order No.	1609120000	Z-series, Cover
GTIN (EAN)	4008190209056	
Qty.	20 pc(s).	

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General ordering data

Type	ZEW 35	Version
Order No.	9540000000	End bracket, Wemid, dark beige, Rail: TS 35, Snap-on
GTIN (EAN)	4008190956264	
Qty.	20 pc(s).	
Type	ZEW 35/2	Version
Order No.	8630740000	End bracket, Wemid, dark beige, Rail: TS 35, Snap-on
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	