



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	PE terminal, Tension-clamp connection, 6 mm², 720 A (6 mm²), Green/yellow
Order No.	<u>7907400000</u>
Туре	ZPE 6/3AN
GTIN (EAN)	4032248422395
Qty.	50 items





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Technical data

Approvals	3
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Approvals



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ROHS	Conform	
UL File Number Search	<u>UL Website</u>	
Certificate No. (cURus)	E60693	
Certificate No. (cURusEX)	E184763	

Dimensions and weights

Depth	45 mm	Depth (inches)	1.7716 inch
Depth including DIN rail	45.5 mm	Height	90 mm
Height (inches)	3.5433 inch	Width	8.1 mm
Width (inches)	0.3189 inch	Net weight	31.21 g

Temperatures

Storage temperature	-25 °C55 °C	Ambient temperature	-5 °C40 °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	Green/yellow
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO15ATEX1467U	Certificate No. (IECEX)	IECEXULD15.0008U
Wire cross section max. (ATEX)	10 mm²	Wire cross section max. (IECEX)	10 mm²
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	3	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
PE function	Yes	PEN function	No

Additional technical data

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

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Technical data

CSA rating data			
Wire cross section max. (CSA)	8 AWG	Certificate No. (CSA)	200039-1152892
Wire cross section min. (CSA)	20 AWG		

Conductors for clamping (rated connection)

Connection type, additional connection Tension-clamp connection

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	top	Stripping length	13 mm
Type of connection	Tension-clamp connection	Number of connections	3
Clamping range, max.	10 mm²	Clamping range, min.	0.22 mm ²
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 22
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.22 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.22 mm ²
Wire connection cross section, finely stranded, max.	10 mm ²	Wire connection cross section, finely stranded, min.	0.22 mm ²
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, mir	n. 0.22 mm²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.22 mm ²
Connection cross-section, finely stranded, min.	0.22 mm ²		

General

Wire connection cross section AWG,	AWG 8	Wire connection cross section AWG,	AWG 22
max.		min.	
Standards	IEC 60947-7-2	Mounting rail	TS 35

Rating data

Rated cross-section	6 mm²	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage to adjacent terminal	8 kV
Power loss in accordance with IEC 60947-7-x	0.00 W	Pollution severity	3

UL rating data

Certificate No. (cURus)	E60693		

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

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Technical data

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		

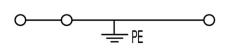


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Drawings





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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

Туре	ZQV 6/2 GE	Version
Order No.	1627850000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200428	
Qty.	60 ST	
Туре	ZQV 6/3 GE	Version
Order No.	1627860000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200435	
Qty.	60 ST	
Туре	ZQV 6/4 GE	Version
Order No.	<u>1627870000</u>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200442	
Qty.	60 ST	
Туре	ZQV 6/24 GE	Version
Order No.	1908990000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4032248535309	
Qty.	10 ST	
Туре	ZQV 6/32 GE	Version
Order No.	<u>1733640000</u>	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190994334	
Qty.	10 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

Туре	ZAP/TW6/3AN	Version
Order No.	<u>7907370000</u>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190576127	
Qty.	20 ST	

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Accessories

Туре	ZAP/TW6/3AN BL	Version
Order No.	<u>7907380000</u>	Z-series, End plate, Partition plate
GTIN (EAN)	4008190576110	
Qty.	20 ST	
Туре	ZAP/TW6/3AN OR	Version
Type Order No.	ZAP/TW6/3AN OR 7907390000	Version Z-series, End plate, Partition plate

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

Туре	ZTA 3 ZDU6	Version
Order No.	<u>1654050000</u>	Accessories, Test adapter, 9 A
GTIN (EAN)	4008190420406	
Qty.	25 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

Туре	ZAD 3/4	Version
Order No.	<u>1609120000</u>	Z-series, Cover
GTIN (EAN)	4008190209056	
Qty.	20 ST	

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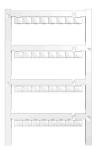
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Accessories

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 5/7.5 MC NE WS	Version
Order No.	<u>1720620000</u>	Dekafix, Terminal marker, 5 x 7.5 mm, Pitch in mm (P): 7.50
GTIN (EAN)	4008190362300	Weidmueller, white
Qty.	320 ST	
Туре	DEK 5/8 MC NE WS	Version
Type Order No.	DEK 5/8 MC NE WS 1856740000	Version Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
	· ·	

Custom printing



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- 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.	<u>1856750000</u>	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00
GTIN (EAN)	4032248400867	Weidmueller, To customer specification
Qty.	160 ST	

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Accessories

STR transparent strips



General ordering data

Туре	STR 7 F.SCHT 7	Version
Order No.	<u>0515300000</u>	Terminal markers, Protective cap, 27 x 6.3 mm, Transparent
GTIN (EAN)	4008190182175	
Qty.	20 ST	

Custom printing

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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

Туре	WS 8/5 MC SDR	Version
Order No.	<u>1640750000</u>	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190456627	Allen-Bradley, To customer specification
Qty.	144 ST	

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Accessories

Blank



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General ordering data

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Туре	WS 10/5 MC NE WS	Version
Order No.	<u>1635000000</u>	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190261948	Allen-Bradley, white
Qty.	720 ST	
Туре	WS 10/6 MC NE WS	Version
Order No.	1828450000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248350513	Allen-Bradley, white
Qty.	600 ST	
Туре	WS 12/3.5 MC NE WS	Version
Order No.	1778270000	WS, Terminal marker, 12 x 3.5 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248161041	Weidmueller, Allen-Bradley, white
Qty.	600 ST	
Туре	WS 12/5 MC NE WS	Version
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 ST	
Туре	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 ST	
Туре	WS 12/6.5 MC NE WS	Version
Order No.	1609920000	WS, Terminal marker, 12 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203511	Weidmueller, Allen-Bradley, white
Qty.	540 ST	
Туре	ZS 10/5 MC NE WS	Version
Order No.	<u>1610000000</u>	ZS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190263171	Allen-Bradley, white
Qty.	480 ST	
Туре	ZS 15/5 MC NE WS	Version
Order No.	1646630000	ZS, Terminal marker, 15 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190401214	Allen-Bradley, white
Qty.	480 ST	
Туре	ZS 12/6 MC NE WS	Version
Order No.	<u>1610020000</u>	ZS, Terminal marker, 12 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4008190444600	Allen-Bradley, white
Qty.	400 ST	



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Accessories

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

Туре	ZGB 15	Version
Order No.	<u>1636530000</u>	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmueller, white
Qty.	20 ST	
Туре	ZGB 30	Version
Order No.	<u>1611930000</u>	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	Weidmueller, white
Qty.	20 ST	
Туре	ZGB 30/3.5	Version
Order No.	<u>1778290000</u>	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 3.50
GTIN (EAN)	4032248161065	white
Qty.	20 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 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

Туре	BZT 1 WS 10/5	Version
Order No.	<u>1805490000</u>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Туре	BZT 1 ZA WS 10/5	Version
Type Order No.	BZT 1 ZA WS 10/5 1805520000	Version Accessories, Marker holder

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Accessories

DEK 5/7.5



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

Туре	DEK 5/7.5 MM WS	Version
Order No.	<u>2619920000</u>	Dekafix, Terminal marker, 5 x 7.5 mm, Weidmueller, white
GTIN (EAN)	4050118626162	
Qty.	500 ST	

DEK 5/8



WS/DEK

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General ordering data

Туре	DEK 5/8 MM WS	Version
Order No.	2007130000	Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white
GTIN (EAN)	4050118392012	
Qty.	500 ST	



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Accessories

WS 12/3.5



WS/DEK

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General ordering data

Туре	WS 12/3.5 MM WS	Version
Order No.	2007180000	WS, Terminal marker, 12 x 3.5 mm, Weidmueller, white
GTIN (EAN)	4050118392203	
Qty.	1000 ST	

WS 12/5



WS/ DEK

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General ordering data

Type	WS 12/5 MM WS	Version
Order No.	2007190000	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 ST	

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Accessories

WS 12/6



WS/DEK

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General ordering data

Type	WS 12/6 MM WS
Order No.	2007200000
GTIN (EAN)	4050118391886
Qtv.	600 ST

Version

WS, Terminal marker, 12 x 6 mm, Weidmueller, white

WS 12/6.5



WS/ DEK

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- Easy mounting thanks to an innovative composite material
- · Large label field for optimal legibility
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General ordering data

Туре	WS 12/6.5 MM WS	Version
Order No.	<u>2619930000</u>	WS, Terminal marker, 12 x 6.5 mm, Weidmueller, white
GTIN (EAN)	4050118626155	
Qty.	600 ST	

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Accessories

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
Order No. 2749380000
GTIN (EAN) 4050118895605
Oty. 1 ST

Version

Screwdriver, Blade width (B): 5.5 mm, Blade length: 150 mm, Blade thickness (A): 1 mm