



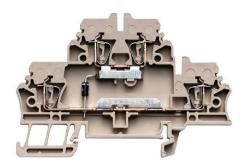
Weidmüller Interface GmbH & Co. KG

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Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Product image







Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

General ordering data

		Z-series, Component terminal, Double-tier terminal, Rated cross-section: 2.5 mm², Tension-clamp connection, dark beige
Order No. <u>1690030000</u>	Order No.	<u>1690030000</u>
Type ZDK 2.5/D/2	Туре	ZDK 2.5/D/2
GTIN (EAN) 4008190877903	GTIN (EAN)	4008190877903
Qty. 50 ST	Qty.	50 ST



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Technical data

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Approvals	4 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	TAR LIK
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UL File Number Search	<u>UL Website</u>
Certificate No. (UR)	E60693

Dimensions and weights

Depth	53 mm	Depth (inches)	2.0866 inch
Depth including DIN rail	54 mm	Height	79.1 mm
Height (inches)	3.1142 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	10.62 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 with exemption
RoHS Exemption (if applicable/known)	7a
REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

Material data

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

System specifications

Version	Tension-clamp connection, for plug-in cross-connector, One end without connector, with diode	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

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

CSA rating data

Conductor size Factory wiring min. (CSA	4)26 AWG	Conductor size Field wiring max. (CSA)	12 AWG
Certificate No. (CSA)	80053378-200039	Conductor size Factory wiring max. (CSA)	12 AWG
Conductor size Field wiring min. (CSA)	26 AWG		

Creation date 05.07.2025 06:08:19 MEZ

Catalogue status / Drawings 2



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Technical data

Component

Component diode	Type diode	1N4007	
	Forward current	1 A	
	Reverse voltage	1300 V	_
	Forward voltage	0.7 V	

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.

2.5 mm²

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A2		
Wire connection cross section AWG,	AWG 14		
max.			
Connection direction	top		
Stripping length	10 mm		
Type of connection 2	Tension-clamp connection		
Type of connection	Tension-clamp connection		
Number of connections	4		
Clamping range, max.	2.5 mm ²		
Clamping range, min.	0.05 mm ²		
Blade size	0.6 x 3.5 mm		
Wire connection cross section AWG, min.	AWG 30		
Wire connection cross-section, finely	1.5 mm ²		
stranded with wire-end ferrules DIN 46228/4, max.			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²		
Wire connection cross section, finely stranded, max.	2.5 mm ²		
Wire connection cross section, finely stranded, min.	0.5 mm ²		
Connection cross-section, stranded, max.	2.5 mm ²		
Connection cross-section, stranded, min	.0.5 mm²		
Twin wire-end ferrules, max.	0.34 mm ²		
Twin wire-end ferrules, min.	0.14 mm ²		
Wire connection cross-section, solid core, max.	2.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		
Tube length for wire-end ferrule with	Cross-section for conductor connection	nominal	0.5 mm ²
plastic collar DIN 46228/4	Cross-section for conductor connection	nominal	0.75 mm ²
	Cross-section for conductor connection	nominal	1 mm ²
	Cross-section for conductor connection	nominal	1.5 mm ²
	Cross-section for conductor connection	nominal	2.5 mm ²
Tube length for wire-end ferrule without	Tube length	nominal	10 mm
plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.5 mm ²

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Technical data

Tube length	nominal	10 mm
Cross-section for conductor connection	nominal	0.75 mm ²
Tube length	nominal	10 mm
Cross-section for conductor connection	nominal	1 mm²
Tube length	min.	10 mm
	max.	12 mm
Cross-section for conductor connection	nominal	1.5 mm ²
Tube length	min.	10 mm
	max.	12 mm
Cross-section for conductor connection	nominal	2.5 mm ²

General

Wire connection cross section AWG,	AWG 14	Wire connection cross section AWG,	AWG 30
max.		min.	
Standards	IEC 60947-7-1	Rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	0.5 A
Current at maximum wires	0.5 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0.77 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)	300 V	Conductor size Factory wiring min. (UR)	26 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	26 AWG
Conductor size Field wiring max. (UR)	14 AWG		

Important note

Product information	The allowed continuous operating temperature must be observed

Classifications

ETIM 6.0	EC000903	ETIM 7.0	EC000903
ETIM 8.0	EC000903	ETIM 9.0	EC000903
ETIM 10.0	EC000903	ECLASS 9.0	27-14-11-27
ECLASS 9.1	27-14-11-47	ECLASS 10.0	27-14-11-27
ECLASS 11.0	27-14-11-27	ECLASS 12.0	27-14-11-27
ECLASS 13.0	27-25-01-14	ECLASS 14.0	27-25-01-14
ECLASS 15.0	27-25-01-14		

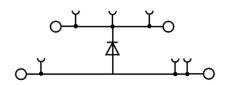


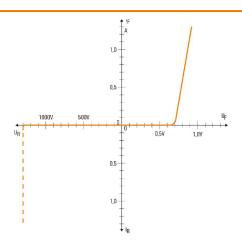
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Drawings







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Accessories

2.5 mm²

2.5

 mm^2

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

Туре	ZQV 2.5/2	Version
Order No.	1608860000	Z-series, Cross-connector, 24 A
GTIN (EAN)	4008190123680	
Qty.	60 ST	
Туре	ZQV 2.5/3	Version
Order No.	<u>1608870000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190061630	
Qty.	60 ST	
Туре	ZQV 2.5/4	Version
Order No.	<u>1608880000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190082208	
Qty.	60 ST	
Туре	ZQV 2.5/5	Version
Order No.	<u>1608890000</u>	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190065713	
Qty.	20 ST	
Туре	ZQV 2.5/6	Version
Order No.	1608900000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190149840	
Qty.	20 ST	
Туре	ZQV 2.5/7	Version
Order No.	1608910000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190159665	
Qty.	20 ST	
Туре	ZQV 2.5/8	Version
Order No.	1608920000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190061531	
Qty.	20 ST	
Туре	ZQV 2.5/9	Version
Order No.	1608930000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190117009	
Qty.	20 ST	
Туре	ZQV 2.5/10	Version
Order No.	1608940000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190099060	
Qty.	20 ST	
Туре	ZQV 2.5/20	Version
0 1 11		
Order No.	1908960000	Z-series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	<u>1908960000</u> 4032248535293	Z-series, Cross-connector, For the terminals, Number of poles: 20
		Z-series, Cross-connector, For the terminals, Number of poles: 20



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Accessories

Туре	ZQV 2.5/50	Version
Order No.	1697540000	Accessories, Cross-connector, 24 A
GTIN (EAN)	4008190883256	
Qty.	10 ST	
Туре	ZAP/TW ZDK2.5	Version
Order No.	1674730000	Z-series, End plate, Partition plate
GTIN (EAN)	4008190444891	
Qty.	20 ST	
Туре	ZAP/TW ZDK2.5 BL	Version
Type Order No.	ZAP/TW ZDK2.5 BL 1748800000	Version Z-series, End plate, Partition plate
	· ·	
Order No.	<u>1748800000</u>	
Order No. GTIN (EAN)	1748800000 4008190997519	
Order No. GTIN (EAN) Oty.	1748800000 4008190997519 20 ST	Z-series, End plate, Partition plate
Order No. GTIN (EAN) Qty. Type	1748800000 4008190997519 20 ST ZAP/TW ZDK2.5 OR	Z-series, End plate, Partition plate Version

SAK-Series

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

Туре	EW 35	Version
Order No.	0383560000	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314	
Qty.	50 ST	
Туре	EW 35 GR 7032	Version
Order No.	0383530000	End bracket, grey, TS 35, V-0, Wemid, Width: 9 mm, 120 °C
GTIN (EAN)	4008190027322	
Qty.	50 ST	
Туре	EW 35/SCHA/M3	Version
Order No.	0258660000	End bracket, beige, TS 35, V-2, Wemid, Width: 16.5 mm, 100 °C
GTIN (EAN)	4008190033477	
Qty.	20 ST	



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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

Туре	WEW 35/1	Version
Order No.	<u>1059000000</u>	End bracket, dark beige, TS 35, V-2, Wemid, Width: 12 mm, 100 °C
GTIN (EAN)	4008190172282	
Qty.	50 ST	
Туре	WEW 35/2	Version
Type Order No.	WEW 35/2 1061200000	Version End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
	'	

Z-Series

Z 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.

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General ordering data

Туре	ZEW 35	Version
Order No.	9540000000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 6 mm, 100 °C
GTIN (EAN)	4008190956264	
Qty.	20 ST	
Туре	ZEW 35/2	Version
Order No.	8630740000	End bracket, dark beige, TS 35, V-2, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4032248348916	
Qty.	20 ST	
-		
Туре	ZTA 4	Version
Type Order No.	ZTA 4 1688110000	Version Accessories, Test adapter, 11 A
Order No.	1688110000	
Order No. GTIN (EAN)	1688110000 4008190855666	
Order No. GTIN (EAN) Qty.	1688110000 4008190855666 25 ST	Accessories, Test adapter, 11 A
Order No. GTIN (EAN) Oty. Type	1688110000 4008190855666 25 ST ZRH 1.5H/1	Accessories, Test adapter, 11 A Version



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Accessories

Type ZRH 1.5H/2
Order No. 1678800000
GTIN (EAN) 4008190487317
Qty. 1000 ST

Version

Z-series, Reducing sleeve

STR transparent strips



General ordering data

Type STR 7 F.SCHT 7
Order No. 0515300000
GTIN (EAN) 4008190182175
Oty. 20 ST

Version

Terminal markers, Protective cap, 27 x 6.3 mm, Transparent

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.

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General ordering data

Туре	DEK 5/5 MC SDR	Version
Order No.	<u>1609810000</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 ST	



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Accessories

Blank



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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.	<u>1609801044</u>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190397111	Weidmueller, white
Qty.	1000 ST	
Туре	WS 10/15 MC NE WS	Version
Order No.	<u>1854090000</u>	WS, Terminal marker, 10 x 15 mm, Pitch in mm (P): 15.00
GTIN (EAN)	4032248390694	Weidmueller, Allen-Bradley, white
Qty.	240 ST	
Type	WS 10/5 M MC NE WS	Version
Type Order No.	WS 10/5 M MC NE WS 1792000000	Version WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
	'	
Order No.	1792000000	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
Order No. GTIN (EAN)	<u>1792000000</u> 4032248223862	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
Order No. GTIN (EAN) Qty.	1792000000 4032248223862 720 ST	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white
Order No. GTIN (EAN) Oty. Type	1792000000 4032248223862 720 ST WS 10/5 MC NE WS	WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white Version

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 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 ST



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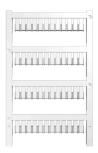
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Accessories

Type	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
Type Order No.	ZGB 30/3.5 1778290000	Version Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 3.50
	· ·	

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: Places and us a fi

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	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	

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	BZI 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Туре	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
Order No. GTIN (EAN)	1805520000 4032248270248	Accessories, Marker holder
		Accessories, Marker holder

Data sheet

ZDK 2.5/D/2



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Accessories

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type SDIS SLIM 0.6X3.5X100
Order No. 2749610000
GTIN (EAN) 4050118896350
Oty. 1 ST

Version

Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade

6350 thickness (A): 0.6 mm