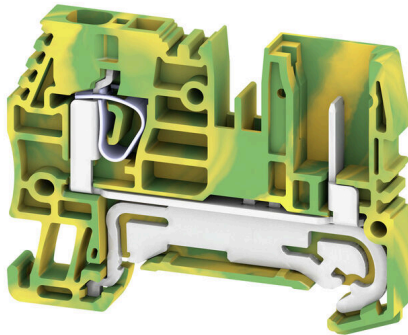


ZTPE 4/2AN/1**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

Some applications demand for a pluggable, modular solution to be more flexible or to facilitate the installation. Where complete functional units have to be prefabricated or replaced, modular and flexible connection systems are required. Our pluggable terminal blocks can be quickly assembled and are completely factory tested.

General ordering data

Version	Z-series, PE terminal, Rated cross-section: 4 mm ² , Tension-clamp connection, green
Order No.	1854970000
Type	ZTPE 4/2AN/1
GTIN (EAN)	4032248396030
Qty.	50 items

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	43 mm	Depth (inches)	1.6929 inch
Depth including DIN rail	43.5 mm	Height	58 mm
Height (inches)	2.2835 inch	Width	6.5 mm
Width (inches)	0.2559 inch	Net weight	12.99 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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		

System specifications

Version	1 tension-clamp connection - 1 plug-in connection, pluggable, With PE connection	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
PE function	Yes	PEN function	No

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	10 AWG	Certificate No. (CSA)	200039-1720292
Wire cross section min. (CSA)	26 AWG		

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Technical data

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	4 mm ²	Connection type, additional connection	pluggable
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Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3			
Wire connection cross section AWG, max.	AWG 10			
Connection direction	top			
Stripping length	12 mm			
Type of connection	Tension-clamp connection			
Number of connections	2			
Clamping range, max.	6 mm ²			
Clamping range, min.	0.13 mm ²			
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, min.	0.13 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm ²			
Wire connection cross section, finely stranded, max.	6 mm ²			
Wire connection cross section, finely stranded, min.	0.13 mm ²			
Connection cross-section, stranded, max.	4 mm ²			
Connection cross-section, stranded, min.	0.13 mm ²			
Wire connection cross-section, solid core, max.	6 mm ²			
Wire connection cross-section, solid core, min.	0.13 mm ²			
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	nominal	0.5 mm ²	
		min.	8 mm	
		max.	10 mm	
	Cross-section for conductor connection	nominal	0.75 mm ²	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1 mm ²	
		min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	1.5 mm ²	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	2.5 mm ²	
		min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	4 mm ²	
		min.	10 mm	
		max.	12 mm	
	Tube length for twin wire-end ferrule	Cross-section for conductor connection	nominal	0.5 mm ²
			min.	8 mm

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Technical data

Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	max.	12 mm
		nominal	0.75 mm ²
		min.	8 mm
	Cross-section for conductor connection	max.	12 mm
		nominal	0.5 mm ²
		nominal	10 mm
	Cross-section for conductor connection	nominal	0.75 mm ²
		nominal	10 mm
		nominal	1 mm ²
	Cross-section for conductor connection	nominal	10 mm
		nominal	1.5 mm ²
		min.	10 mm
Cross-section for conductor connection	max.	12 mm	
	nominal	2.5 mm ²	
	min.	10 mm	
Cross-section for conductor connection	max.	12 mm	
	nominal	4 mm ²	
	nominal	12 mm	

General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 26
Mounting rail	TS 35		

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated voltage to adjoining terminal	800 V	Max. voltage of clamp support & pluggable system	800 V
Rated DC voltage	500 V	Nominal current	0 A
Volume resistance according to IEC 60947-7-x	1 mΩ	Power loss in accordance with IEC 60947-7-x	1.02 W
Pollution severity	3		

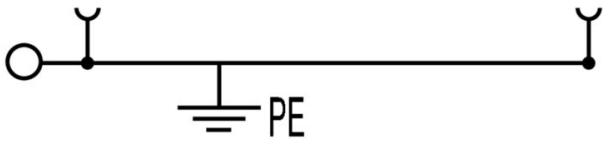
UL rating data

Conductor size Factory wiring max. (cURus)	10 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)	10 AWG		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-17
ECLASS 15.0	27-25-01-17		

Drawings



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Accessories

End plates and partition plates

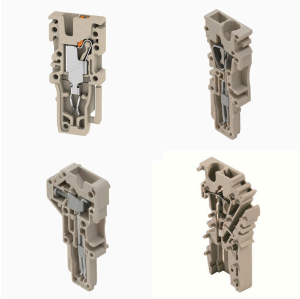


Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	ZAP/TW ZT4/2AN	Version
Order No.	1855220000	Z-series, End plate, Partition plate
GTIN (EAN)	4032248396528	
Qty.	50 ST	
Type	ZAP/TW ZT4/2AN OR	Version
Order No.	1855230000	Z-series, End plate, Partition plate
GTIN (EAN)	4032248396511	
Qty.	50 ST	

Plugs



The plugs for our WeiCoS-System are available for all different connection systems. The product range includes preassembled connectors from 1 to 10 poles and the possibility of an individual assembly. This ensures maximum flexibility for every application. The customized accessories increase the safety and protection against environmental influences.

General ordering data

Type	ZVR ZP4	Version
Order No.	1855250000	Z-series, Locking clips, Direct mounting
GTIN (EAN)	4032248396481	
Qty.	25 ST	
Type	KOSF ZT4	Version
Order No.	1856860000	Z-series, Coding element, Direct mounting
GTIN (EAN)	4032248400744	
Qty.	50 ST	
Type	ZZE ZP4	Version
Order No.	1855260000	Z-series, Strain relief, Direct mounting
GTIN (EAN)	4032248396498	
Qty.	25 ST	
Type	ZP 4/1AN/1 GN	Version
Order No.	1854980000	Z-series, Plug-in connector, green, Direct mounting
GTIN (EAN)	4032248396054	
Qty.	50 ST	

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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 5/6 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	
Type	WS 10/6 M MC NE WS	Version
Order No.	1818400000	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248310876	Allen-Bradley, white
Qty.	600 ST	
Type	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	

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 snapped 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	

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Accessories

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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		

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	Version	
Order No.	2749610000		Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm
GTIN (EAN)	4050118896350		
Qty.	1 ST		