

**WP 2.5/1AN/4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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**

Version	Plug (terminal), Screw connection, dark beige, 2.5 mm <sup>2</sup> , 24 A, 500 V, Number of connections: 4, V-0, Wemid, Number of poles: 4, Width: 21.4 mm, Height: 22.9 mm
Order No.	<a href="#">1438220000</a>
Type	WP 2.5/1AN/4
GTIN (EAN)	4050118260175
Qty.	50 pc(s).

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

Depth	41 mm	Depth (inches)	1.614 inch
Height	22.9 mm	Height (inches)	0.902 inch
Width	21.4 mm	Width (inches)	0.843 inch
Net weight	15.596 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	Screw connection, Plug	End cover plate required	Yes
Number of levels	1	Number of clamping points per level	1
PE connection	No		

**Additional technical data**

Open sides	right	Type of mounting	Plugged
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**CSA rating data**

Certificate No. (CSA)	200039-70001233	Current size B (CSA)	20 A
Current size C (CSA)	20 A	Current size D (CSA)	10 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	16 AWG		

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## Technical data

## Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Clamping screw	M 2.5
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Connection direction	top	Gauge to IEC 60947-1	A4
Number of connections	4	Stripping length	7 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

## General

Number of poles	4	Standards	In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26

## Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	24 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

## UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size B (cURus)	20 A
Current size C (cURus)	20 A	Current size D (cURus)	10 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	300 V		

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## Technical data

## Classifications

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ETIM 9.0	EC002848
ECLASS 9.0	27-14-11-92	ECLASS 9.1	27-14-11-92
ECLASS 10.0	27-14-11-92	ECLASS 11.0	27-14-11-92
ECLASS 12.0	27-14-11-92	ECLASS 13.0	27-25-03-90
ECLASS 14.0	27-25-03-90		

## Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

## Approvals

Approvals



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

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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[www.weidmueller.com](http://www.weidmueller.com)**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 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.	<a href="#">1805490000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	<a href="#">1805520000</a>	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	