

**W-Series, Accessories**  
**WZAD 50N**

**Weidmüller Interface GmbH & Co. KG**  
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The versatile and extensive range of products - from 0.05 mm<sup>2</sup> to 300 mm<sup>2</sup> - means that you have diverse options for your applications at your disposal.  
Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

**General ordering data**

Order No.	<a href="#">1872720000</a>
Type	WZAD 50N
Version	W-Series, Accessories, Additional connection
GTIN (EAN)	4032248663712
Qty.	5 pc(s).

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**Technical data****Dimensions and weights**

Length	30.5 mm	Width	12.5 mm
Height of lowest version	60.5 mm	Net weight	26.12 g

**Temperatures**

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

**Additional technical data**

Explosion-tested version	No	Installation advice	Feed-through (bushing), Direct mounting
Version	Additional connection		

**CSA ratings data**

Certificate No. (CSA)	200039-1057876	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Current size B (CSA)	50 A
Current size C (CSA)	50 A	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	24 AWG		

**Clampable wires (rated connection)**

Type of connection	Screw connection	Connection direction	on side
Number of connections	1	Clamping range, rated connection, min.	0.3 mm <sup>2</sup>
Clamping range, rated connection, max.	10 mm <sup>2</sup>	Gauge to IEC 60947-1	A5
Wire connection cross section, solid core, max. rated connection	0.3 mm <sup>2</sup>	Wire connection cross section, solid core max. rated connection	10 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, min.	0.3 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, max.	6 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	6 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.3 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.3 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 mm <sup>2</sup>
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.3 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	6 mm <sup>2</sup>

**Rated data**

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	41 A
Current at maximum wires	41 A	Standards	IEC 60947-7-1
Pollution severity	3		

**UL ratings data**

Certificate No. (cURus)	E60693VOL1SEC75	Conductor size Factory wiring max. (cURus)	8 AWG
Conductor size Factory wiring min. (cURus)	24 AWG	Conductor size Field wiring max. (cURus)	8 AWG
Conductor size Field wiring min. (cURus)	24 AWG	Current size B (cURus)	50 A
Current size C (cURus)	50 A	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V		

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**Technical data**

**Material data**

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

**System specifications**

Product family	W-Series, Accessories	Type of connection	Screw connection
Connection direction	on side	Number of levels	1
Number of connections	1	No. of clamping points per level	1
End cover plate required	No		

**Classifications**

ETIM 3.0	EC000897	UNSPSC	30-21-18-11
eClass 4.1	27-14-11-99	eClass 5.1	27-14-11-45
eClass 6.2	27-14-92-14	eClass 7.1	27-14-92-14

**Approvals**

Approvals



ROHS Conform