

WZAD 50N**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Version	Auxiliary connection (terminal), 6 mm ² , Number of connections: 1
Order No.	1872720000
Type	WZAD 50N
GTIN (EAN)	4032248663712
Qty.	5 pc(s).

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Technical data**Dimensions and weights**

Depth	60.5 mm	Depth (inches)	2.382 inch
Height	30.5 mm	Height (inches)	1.201 inch
Width	12.5 mm	Width (inches)	0.492 inch
Net weight	26.12 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	Additional connection	End cover plate required	No
Number of levels	1	Number of clamping points per level	1

Additional technical data

Explosion-tested version	No	Installation advice	Feed-through (bushing), Direct mounting
Type of fixing	Snap-on		

CSA rating data

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

Conductors for clamping (rated connection)

Clamping range, max.	10 mm ²	Clamping range, min.	0.3 mm ²
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	0.3 mm ²
Connection direction	on side	Gauge to IEC 60947-1	A5
Number of connections	1	Type of connection	Screw connection
Wire connection cross section, finely stranded, max.	6 mm ²	Wire connection cross section, finely stranded, min.	0.3 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.	0.3 mm ²
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.	0.3 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.3 mm ²

Dimensions

Pitch in mm (P)	14 mm
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Technical data

General

Installation advice	Feed-through (bushing), Direct mounting	Standards	IEC 60947-7-1
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Rating data

Rated cross-section	6 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Rated current	41 A
Current at maximum wires	41 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3

UL rating data

Certificate No. (cURus)	E60693	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		

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	27-25-03-08

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

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Technical data

Downloads

Approval/Certificate/Document of Con-
formity

[Confirmation of Standards EN 45545-2_2020-10](#)

Engineering Data

[CAD data – STEP](#)

Engineering Data

[Zuken E3.S](#)

User Documentation

[StorageConditionsTerminalBlocks](#)

[User documentation WZAD](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

WZAD 50N**Weidmüller Interface GmbH & Co. KG**

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www.weidmueller.com**Accessories****Distance sleeve****General ordering data**

Type	VH 27.4/8/6.4	Version
Order No.	1967090000	W-Series, Spacer sleeve
GTIN (EAN)	4032248738700	
Qty.	5 pc(s).	