

WZAD 240

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

The additional connection enables a separate voltage tap. This can be used, for example, for the emergency power supply before the main switch or simply as an additional connection within the application.

General ordering data

Version	Auxiliary connection (terminal), 10 mm ² , Number of connections: 1
Order No.	1802810000
Type	WZAD 240
GTIN (EAN)	4032248313754
Qty.	5 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Depth	34.7 mm	Depth (inches)	1.3661 inch
Height	58.6 mm	Height (inches)	2.3071 inch
Width	10.15 mm	Width (inches)	0.3996 inch
Net weight	17.6 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °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	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Additional connection	Number of levels	1
Number of clamping points per level	1		

Additional technical data

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

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 8	Connection direction	on side
Tightening torque, max.	1.8 Nm	Tightening torque, min.	1.2 Nm
Stripping length	11 mm	Type of connection	Screw connection
Number of connections	1	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Clamping screw	M 4
Blade size	1.0 x 5.5 mm	Wire connection cross section AWG, min.	AWG 20
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm ²	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.	10 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.	10 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	0.5 mm ²

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Twin wire-end ferrules, max.	6 mm ²	Twin wire-end ferrules, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	10 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²
Connection cross-section, finely stranded, max.	10 mm ²	Connection cross-section, finely stranded, min.	0.5 mm ²

Dimensions

Pitch in mm (P)	10.00 mm
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General

Wire connection cross section AWG, max.	AWG 8	Installation advice	Feed-through (bushing), Direct mounting
Wire connection cross section AWG, min.	AWG 20		

Rating data

Rated cross-section	10 mm ²	Rated voltage	1000 V
Rated DC voltage	1000 V	Nominal current	57 A
Volume resistance according to IEC 60947-7-x	0.56 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.82 W	Pollution severity	3

Classifications

ETIM 8.0	EC002848	ETIM 9.0	EC002848
ETIM 10.0	EC002848	ECLASS 14.0	27-25-03-08
ECLASS 15.0	27-25-03-08		