

**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 <sup>2</sup> , Number of connections: 1
Order No.	<a href="#">1802810000</a>
Type	WZAD 240
GTIN (EAN)	4032248313754
Qty.	5 items

## WZAD 240

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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 <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	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 <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, finely stranded with wire-end ferrules DIN 46228/1, max.	10 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, max.	10 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	10 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>

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## Technical data

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

### 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 <sup>2</sup>	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		