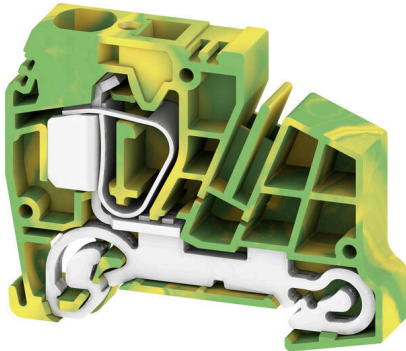


**ZPE 16-2/1AN****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

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**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

Version	Z-series, PE terminal, Rated cross-section: 16 mm <sup>2</sup> , Tension-clamp connection, Green/yellow
Order No.	<a href="#">1772960000</a>
Type	ZPE 16-2/1AN
GTIN (EAN)	4032248136599
Qty.	20 items
Delivery status	This article will no longer be available in the future.
Available until	2026-06-30T00:00:00+02:00
Alternative product	<a href="#">ZPE 2.5-2</a>

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

## Dimensions and weights

Depth	50.5 mm	Depth (inches)	1.9882 inch
Depth including DIN rail	51.5 mm	Height	65 mm
Height (inches)	2.5591 inch	Width	12 mm
Width (inches)	0.4724 inch	Net weight	36.5 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	Green/yellow
UL 94 flammability rating	V-0		

## System specifications

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35
PE function	Yes	PEN function	Yes

## Additional technical data

Open sides	right	Number of similar terminals	1
Explosion-tested version	No	Type of mounting	Snap-on

## CSA rating data

Wire cross section max. (CSA)	14 AWG	Certificate No. (CSA)	200039-1152892
Wire cross section min. (CSA)	26 AWG		

## Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

## Technical data

### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A7	Wire connection cross section AWG, max.	AWG 4
Connection direction	Inclined / angled	Stripping length	18 mm
Type of connection	Tension-clamp connection	Number of connections	1
Clamping range, max.	25 mm <sup>2</sup>	Clamping range, min.	1.5 mm <sup>2</sup>
Blade size	1.0 x 5.5 mm	Wire connection cross section AWG, min.	AWG 14
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>
Connection cross-section, stranded, max.	25 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	1.5 mm <sup>2</sup>		

### General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 14
Standards	In accordance with IEC 60947-7-1, IEC 60947-7-2	Mounting rail	TS 35

### Rating data

Rated cross-section	16 mm <sup>2</sup>	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	In accordance with IEC 60947-7-1, IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Rated impulse withstand voltage to adjacent terminal	8 kV
Power loss in accordance with IEC 60947-7-x	2.43 W	Pollution severity	3

### UL rating data

Conductor size Factory wiring max. (UR)	4 AWG	Conductor size Factory wiring min. (UR)	14 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	14 AWG
Conductor size Field wiring max. (UR)	4 AWG		

### Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

**Drawings**

