

**A3T 2.5 PE DL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

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	PUSH IN, 2.5 mm², Green/yellow
Order No.	<a href="#">2906680000</a>
Type	A3T 2.5 PE DL
GTIN (EAN)	4099986886254
Qty.	50 items

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## Technical data

## Dimensions and weights

Depth	64.5 mm	Depth (inches)	2.5394 inch
Height	116 mm	Height (inches)	4.5669 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	25.38 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

## Material data

Basic material	Wemid	Colour	Green/yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

## System specifications

End cover plate required	Yes	Number of levels	3
Number of clamping points per level	2	Levels cross-connected internally	Yes
N-function	No	PE function	Yes
PEN function	No		

## Additional technical data

Open sides	right	Snap-on	No
Type of fixing	Snap-on	Explosion-tested version	Yes
Type of mounting	TS 35		

## Conductors for clamping (additional connection)

Connection type, additional connection	PUSH IN
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## Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	top	Stripping length	10 mm
Type of connection	PUSH IN	Number of connections	6
Clamping range, max.	4 mm <sup>2</sup>	Clamping range, min.	0.14 mm <sup>2</sup>
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 26
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm <sup>2</sup>
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	0.14 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.14 mm <sup>2</sup>

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## Technical data

## General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-2		

## Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage to adjacent terminal	6 kV
Surge voltage category	III	Pollution severity	3

## Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-04
ECLASS 15.0	27-25-01-04		