

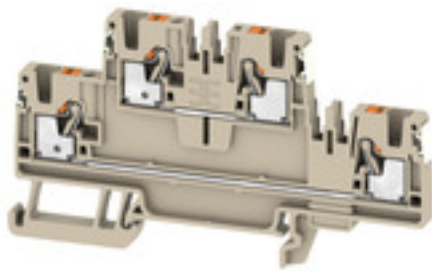
**A2T 2.5 DL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

**General ordering data**

Version	Feed-through terminal, PUSH IN, 2.5 mm <sup>2</sup> , 800 V, 24 A, dark beige
Order No.	<a href="#">2675110000</a>
Type	A2T 2.5 DL
GTIN (EAN)	4050118715927
Qty.	50 pc(s).

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**Technical data****Dimensions and weights**

Depth	50.5 mm	Depth (inches)	1.988 inch
Depth including DIN rail	51 mm	Height	90 mm
Height (inches)	3.543 inch	Net weight	13.92 g
Width	5.1 mm	Width (inches)	0.201 inch

**Temperatures**

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

**Material data**

Material	Wemid	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	550 V	Current (ATEX)	21 A
Wire cross section max. (ATEX)	2.5 mm <sup>2</sup>	Max. voltage (IECEX)	550 V
Current (IECEX)	21 A	Wire cross section max. (IECEX)	2.5 mm <sup>2</sup>

**System specifications**

End cover plate required	Yes	Number of potentials	2
Number of levels	2	Number of clamping points per level	2
Levels cross-connected internally	No	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

**Additional technical data**

Open sides	right	Snap-on	No
Type of fixing	Snap-on	Type of mounting	TS 35

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm
Clamping range, max.	2.5 mm <sup>2</sup>
Clamping range, min.	0.14 mm <sup>2</sup>
Connection cross-section, stranded, max.	2.5 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>
Connection direction	top
Gauge to IEC 60947-1	A3
Number of connections	4
Stripping length	10 mm

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## Technical data

Tube length for AEH with plastic collar DIN 46228/4	Tube length	max.	6 mm
		min.	8 mm
	Cross-section for conductor connection	min.	0.34 mm <sup>2</sup>
		max.	0.14 mm <sup>2</sup>
	Tube length	max.	6 mm
		min.	12 mm
Cross-section for conductor connection	min.	1 mm <sup>2</sup>	
	max.	0.5 mm <sup>2</sup>	
Tube length	max.	8 mm	
	min.	12 mm	
	Cross-section for conductor connection	min.	2.5 mm <sup>2</sup>
		max.	1.5 mm <sup>2</sup>
Tube length for AEH without plastic collar DIN 46228/1	Tube length	nominal	5 mm
	Cross-section for conductor connection	nominal	0.25 mm <sup>2</sup>
	Tube length	max.	10 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
Tube length	max.	12 mm	
	min.	7 mm	
Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>	
	max.	2.5 mm <sup>2</sup>	
Tube length for twin wire-end ferrule	Tube length	max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
max.		0.75 mm <sup>2</sup>	
Twin wire-end ferrules, max.	0.75 mm <sup>2</sup>		
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>		
Type of connection	PUSH IN		
Wire connection cross section AWG, max.	AWG 12		
Wire connection cross section AWG, min.	AWG 28		
Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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 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.	0.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, max.	2.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

### General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28

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**Technical data****Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	800 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3	Surge voltage category	III

**Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

**Approvals**

Approvals



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