

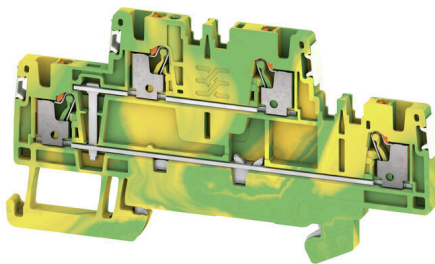
**A2T 1.5 PE DL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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	PE terminal, PUSH IN, 1.5 mm <sup>2</sup> , 500 V, Green/yellow
Order No.	<a href="#">2675 100000</a>
Type	A2T 1.5 PE DL
GTIN (EAN)	4050118716122
Qty.	50 items

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E60693
Certificate No. (cURusEX)	E184763

### Dimensions and weights

Depth	45 mm	Depth (inches)	1.7716 inch
Depth including DIN rail	46 mm	Height	45 mm
Height (inches)	1.7716 inch	Width	3.5 mm
Width (inches)	0.1378 inch	Net weight	12.52 g

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
Product Carbon Footprint	Cradle to gate	0.216 kg CO2 eq.	

### Material data

Basic material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

### Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	1.5 mm <sup>2</sup>	Wire cross section max. (IECEX)	1.5 mm <sup>2</sup>

### System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	Yes
Mounting rail	TS 35	PE function	Yes
PEN function	No		

### Additional technical data

Open sides	right	Explosion-tested version	Yes
Type of mounting	TS 35		

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### Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A1		
Wire connection cross section AWG, max.	AWG 14		
Connection direction	top		
Stripping length	8 mm		
Type of connection	PUSH IN		
Number of connections	4		
Clamping range, max.	1.5 mm <sup>2</sup>		
Clamping range, min.	0.14 mm <sup>2</sup>		
Blade size	0.4 x 2.0 mm		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1 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.	1.5 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.	1.5 mm <sup>2</sup>		
Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>		
Connection cross-section, stranded, max.	1.5 mm <sup>2</sup>		
Connection cross-section, stranded, min.	0.14 mm <sup>2</sup>		
Wire connection cross-section, solid core, max.	1.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.14 mm <sup>2</sup>		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	8 mm
	Cross-section for conductor connection	min.	0.14 mm <sup>2</sup>
		max.	0.75 mm <sup>2</sup>
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	5 mm
	Cross-section for conductor connection	nominal	0.25 mm <sup>2</sup>
	Tube length	nominal	6 mm
		Cross-section for conductor connection	min.
	Cross-section for conductor connection	max.	1 mm <sup>2</sup>
		nominal	10 mm
	Cross-section for conductor connection	nominal	1.5 mm <sup>2</sup>

### General

Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-2	Mounting rail	TS 35

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## Technical data

### Rating data

Rated cross-section	1.5 mm <sup>2</sup>	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V
Standards	IEC 60947-7-2	Volume resistance	1.83 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	0.56 W
Pollution severity	3		

### UL rating data

Conductor size Factory wiring max. (cURus)	14 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	600 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Voltage size C (cURus)	300 V	Conductor size Field wiring max. (cURus)	14 AWG

### 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		

Drawings

