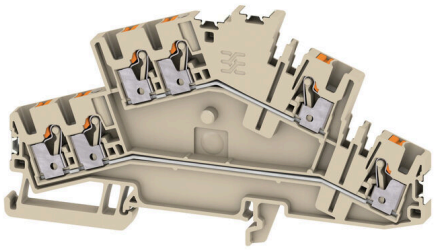
Data sheet

A2T 2.5 3C 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	Feed-through terminal, PUSH IN, 2.5 mm², 800 V, 22 A, dark beige
Order No.	2936700000
Type	A2T 2.5 3C DL
GTIN (EAN)	4099986691575
Qty.	50 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	64 mm	Depth (inches)	2.5197 inch
Depth including DIN rail	64.5 mm	Height	114.5 mm
Height (inches)	4.5079 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	18.44 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temperature, min.	-60 °C	Continuous operating temperature, 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	0.53 kg CO2 eq.

Material data

Basic material	Wemid	Insulating material	Wemid
Colour	dark beige	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

System specifications

End cover plate required	Yes	Number of potentials	2
Number of levels	2	Number of clamping points per level	3
Levels cross-connected internally	No	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

With snap-in pegs	No	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Installation advice	Rail	Explosion-tested version	Yes
Type of mounting	TS 35		

CSA rating data

Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	20 A	Certificate No. (CSA)	227442-80219640
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A
Wire cross section min. (CSA)	28 AWG		

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Technical data

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 12	Connection direction	top
Stripping length	10 mm	Type of connection 2	PUSH IN
Type of connection	PUSH IN	Number of connections	6
Conductor cross-section (rated connection), max.	4 mm²	Conductor cross-section (rated connection), min.	0.14 mm²
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 28
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm²
Wire connection cross-section, finely stranded, max.	4 mm²	Wire connection cross section, finely stranded, min.	0.14 mm²
Connection cross-section, stranded, max.	4 mm²	Connection cross-section, stranded, min.	0.14 mm²
Twin wire-end ferrules, max.	0.75 mm²	Twin wire-end ferrules, min.	0.5 mm²
Wire connection cross-section, solid core, max.	2.5 mm²	Wire connection cross-section, solid core, min.	0.14 mm²
Connection cross-section, finely stranded (rated connection), min.	0.14 mm²		

General

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

Rating data

Rated cross-section	2.5 mm²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	22 A
Current at maximum wires	22 A	Standards	IEC 60947-7-1
Contact resistance	1.33 mΩ	Rated impulse withstand voltage	8 kV
Power loss (IEC 60947-7-x)	0.77 mW	Pollution severity	3

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		

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Drawings

