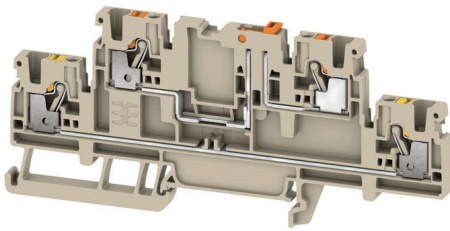


A2T 2.5 DT/FT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

In some applications it makes sense to add a test point or a disconnect element to the feed through terminal for testing and safety purposes. With test disconnect terminals you measure electric circuits in the absence of voltage. While the disconnecting points clearance and creepage distance is not assessed in dimensional terms, the specified rated impulse voltage strength must be proven.

General ordering data

Version	Test-disconnect terminal, PUSH IN, 2.5 mm ² , 400 V, 16 A, dark beige
Order No.	2744130000
Type	A2T 2.5 DT/FT
GTIN (EAN)	4064675035329
Qty.	50 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	50.5 mm	Depth (inches)	1.9882 inch
Height	115 mm	Height (inches)	4.5275 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	18.35 g		

Temperatures

Ambient temperature	-60 °C...85 °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%

Material data

Basic material	Wemid	Insulating material	Wemid
Colour	dark beige	Colour of operational elements	orange
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (IECEX)	IECEXTUR16.0045U	Max. voltage (IECEX)	400 V
Current (IECEX)	20 A	Wire cross section max. (IECEX)	2.5 mm ²

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	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right
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CSA rating data

Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	19 A	Certificate No. (CSA)	200039-70089609
Voltage size B (CSA)	300 V	Current size B (CSA)	19 A
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A

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Technical data

Wire cross section min. (CSA) 26 AWG

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

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	4
Clamping range, max.	4 mm ²	Clamping range, min.	0.14 mm ²
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 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm ²
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.14 mm ²
Connection cross-section, stranded, max.	2.5 mm ²	Connection cross-section, stranded, min.	0.14 mm ²
Wire connection cross-section, solid core, max.	2.5 mm ²	Wire connection cross-section, solid core, min.	0.14 mm ²
Connection cross-section, finely stranded, min.	0.14 mm ²		

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28
Mounting rail	TS 35		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	400 V
Rated DC voltage	400 V	Nominal current	16 A
Current at maximum wires	2 A	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	8 kV	Surge voltage category	III
Pollution severity	3		

UL rating data

Conductor size Factory wiring max. (cURus)	12 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Current size B (cURus)	19 A	Voltage size C (cURus)	300 V
Current size C (cURus)	19 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus)	12 AWG		

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09

Technical data

ECLASS 15.0

27-25-01-09

Drawings

