

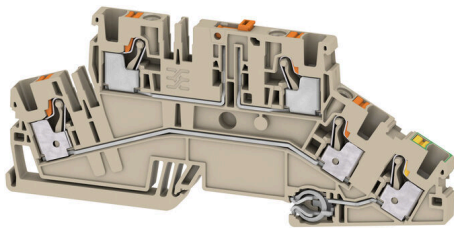
A2T 4 DT-FT-PE**Weidmüller Interface GmbH & Co. KG**

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, 4 mm ² , 250 V, 20 A, dark beige
Order No.	2831530000
Type	A2T 4 DT-FT-PE
GTIN (EAN)	4064675416494
Qty.	50 items

A2T 4 DT-FT-PE

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Dimensions and weights

Depth	56.5 mm	Depth (inches)	2.2244 inch
Height	126.5 mm	Height (inches)	4.9803 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	28.6 g		

Temperatures

Ambient temperature	-55 °C...85 °C	Continuous operating temp., min.	-55 °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	Colour	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7939U	Certificate No. (IECEX)	IECEXTUR16.0045U
Max. voltage (ATEX)	250 V	Current (ATEX)	20 A
Wire cross section max. (ATEX)	6 mm ²	Max. voltage (IECEX)	250 V
Current (IECEX)	20 A	Wire cross section max. (IECEX)	6 mm ²

System specifications

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

Additional technical data

Open sides	right	Snap-on	Yes
Type of mounting	TS 35		

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CSA rating data

Wire cross section max. (CSA)	10 AWG	Voltage size C (CSA)	150 V
Current size C (CSA)	25 A	Certificate No. (CSA)	200039-700896609
Voltage size B (CSA)	300 V	Current size B (CSA)	20 A
Voltage size D (CSA)	300 V	Current size D (CSA)	10 A
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A4		
Wire connection cross section AWG, max.	AWG 10		
Connection direction	top		
Stripping length	12 mm		
Type of connection 2	PUSH IN		
Type of connection	PUSH IN		
Number of connections	5		
Clamping range, max.	6 mm ²		
Clamping range, min.	0.14 mm ²		
Blade size	0.6 x 3.5 mm		
Wire connection cross section AWG, min.	AWG 24		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 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.	6 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.	6 mm ²		
Wire connection cross section, finely stranded, min.	0.14 mm ²		
Connection cross-section, stranded, max.	6 mm ²		
Connection cross-section, stranded, min.	0.14 mm ²		
Twin wire-end ferrules, max.	1.5 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	4 mm ²		
Wire connection cross-section, solid core, min.	0.14 mm ²		
Connection cross-section, finely stranded, min.	0.14 mm ²		
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	min.	7 mm
		max.	12 mm

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Cross-section for conductor connection	min.	1.5 mm ²
	max.	2.5 mm ²
Tube length	min.	9 mm
	max.	15 mm
Cross-section for conductor connection	min.	4 mm ²
	max.	6 mm ²

General

Wire connection cross section AWG, max.	AWG 10	Wire connection cross section AWG, min.	AWG 24
Standards	IEC 60947-7-1, IEC 60947-7-2	Mounting rail	TS 35

Rating data

Rated cross-section	4 mm ²	Rated voltage	250 V
Rated DC voltage	250 V	Nominal current	20 A
Current at maximum wires	20 A	Standards	IEC 60947-7-1, IEC 60947-7-2
Rated impulse withstand voltage	6 kV	Surge voltage category	III
Pollution severity	3		

UL rating data

Conductor size Factory wiring max. (cURus)	10 AWG	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	26 AWG	Conductor size Factory wiring min. (cURus)	26 AWG
Conductor size Field wiring max. (cURus)	10 AWG		

Classifications

ETIM 8.0	EC000902	ETIM 9.0	EC000902
ETIM 10.0	EC000902	ECLASS 14.0	27-25-01-09
ECLASS 15.0	27-25-01-09		