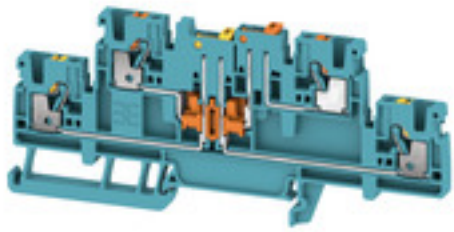
A2T 2.5 DT/DT BL

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



General ordering data

Version	2.5 mm², 400 V, 16 A, blue
Order No.	2744120000
Type	A2T 2.5 DT/DT BL
GTIN (EAN)	4064675035312
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	50.5 mm	Depth (inches)	1.988 inch
Height	115 mm	Height (inches)	4.528 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	20.038 g		

Temperatures

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

Material data

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

System specifications

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

Additional technical data

Snap-on	Yes	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm		
Clamping range, max.	2.5 mm²		
Clamping range, min.	0.14 mm²		
Connection cross-section, stranded, max.	2.5 mm²		
Connection cross-section, stranded, min.	0.5 mm²		
Connection direction	top		
Gauge to IEC 60947-1	A3		
Number of connections	4		
Stripping length	10 mm		
Tube length for twin wire-end ferrule	Cross-section for conductor connection	min.	0.5 mm²
		max.	0.75 mm²
	Tube length	min.	8 mm
		max.	12 mm
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	8 mm
		max.	6 mm
	Cross-section for conductor connection	min.	0.34 mm²
		max.	0.14 mm²
	Tube length	min.	12 mm
		max.	6 mm
	Cross-section for conductor connection	min.	1 mm²
		max.	0.5 mm²
	Tube length	min.	12 mm
		max.	8 mm
	Cross-section for conductor connection	min.	2.5 mm²
		max.	1.5 mm²

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Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	nominal	0.25 mm²
	Tube length	nominal	5 mm
	Cross-section for conductor connection	min.	0.5 mm²
		max.	1 mm²
	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	min.	1.5 mm²
		max.	2.5 mm²
	Tube length	min.	7 mm
		max.	12 mm
Twin wire-end ferrules, max.	0.75 mm²		
Twin wire-end ferrules, min.	0.5 mm²		
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 mm²		
Wire connection cross section, finely stranded, min.	0.5 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²		
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.	0.5 mm²		
Wire connection cross-section, solid core, max.	2.5 mm²		
Wire connection cross-section, solid core, min.	0.5 mm²		

Disconnect terminals

Integral test socket	Yes	Slitting	Pivoting

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

Rating data

Rated cross-section	2.5 mm²	Rated voltage	400 V
Rated current	16 A	Current at maximum wires	16 A
Standards	IEC 60947-7-1	Pollution severity	3
Surge voltage category	III		

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Technical data

Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ECLASS 9.0	27-14-11-26
ECLASS 9.1	27-14-11-26	ECLASS 10.0	27-14-11-26
ECLASS 11.0	27-14-11-26		

Downloads

Approval/Certificate/Document of Conformity	EU Declaration of Conformity
Engineering Data	STEP
User Documentation	BPZL AXC 1.5-16
Catalogues	Catalogues in PDF-format

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Drawings

