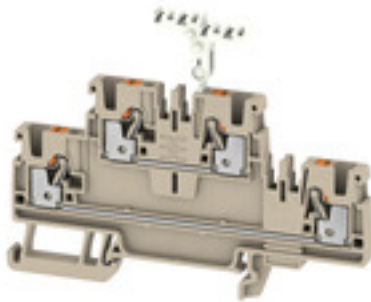


A2T 2.5 SNAPMARK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Version	Feed-through terminal, PUSH IN, 2.5 mm ² , 800 V, 24 A, dark beige
Order No.	2581250000
Type	A2T 2.5 SNAPMARK
GTIN (EAN)	4050118590340
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Depth	69 mm	Depth (inches)	2.717 inch
Height	90 mm	Height (inches)	3.543 inch
Net weight	13.21 g	Width	5.1 mm
Width (inches)	0.201 inch		

Temperatures

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

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

End cover plate required	Yes	Number of potentials	1
Rail	TS 35		

Additional technical data

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

CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	20 A
Current size C (CSA)	20 A	Current size D (CSA)	5 A
Voltage size B (CSA)	600 V	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	28 AWG		

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm		
Clamping range, max.	2.5 mm ²		
Clamping range, min.	0.14 mm ²		
Connection cross-section, stranded, max.	2.5 mm ²		
Connection cross-section, stranded, min.	0.5 mm ²		
Connection direction	top		
Gauge to IEC 60947-1	A3		
Number of connections	4		
Stripping length	10 mm		

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Technical data

Tube length for AEH with plastic collar DIN 46228/4	Tube length	max.	6 mm
		min.	8 mm
	Cross-section for conductor connection	min.	0.34 mm ²
		max.	0.14 mm ²
	Tube length	max.	6 mm
		min.	12 mm
Tube length for AEH without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	1 mm ²
		max.	0.5 mm ²
	Tube length	max.	8 mm
		min.	12 mm
	Cross-section for conductor connection	min.	2.5 mm ²
		max.	1.5 mm ²
Tube length for twin wire-end ferrule	Tube length	nominal	5 mm
	Cross-section for conductor connection	nominal	0.25 mm ²
	Tube length	max.	10 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
Twin wire-end ferrules, max.	Tube length	max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	0.75 mm ²
	Tube length	max.	12 mm
		min.	7 mm
Twin wire-end ferrules, min.	Cross-section for conductor connection	min.	1.5 mm ²
		max.	2.5 mm ²
	Tube length	max.	12 mm
		min.	8 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	0.75 mm ²
Type of connection	PUSH IN		
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 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.	0.5 mm ²		
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.	0.5 mm ²		
Wire connection cross-section, solid core, max.	2.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

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

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Technical data**Rating data**

Rated cross-section	2.5 mm ²	Rated voltage	800 V
Rated current	24 A	Current at maximum wires	24 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	0.77 W
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	28 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	28 AWG	Current size B (cURus)	20 A
Current size C (cURus)	20 A	Current size D (cURus)	5 A
Voltage size B (cURus)	600 V	Voltage size C (cURus)	600 V
Voltage size D (cURus)	600 V		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

Approvals

Approvals



UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	Declaration of conformity
Engineering Data	STEP
Engineering Data	EPLAN
Tender specification	Klippon® Connect 258 1250000 DE Klippon® Connect 258 1250000 EN
User Documentation	StorageConditionsTerminalBlocks
Brochure/Catalogue	Catalogues in PDF-format