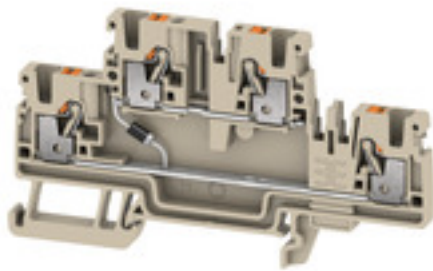


A2T 2.5 EM1 D/1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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

Order No.	2704370000
Type	A2T 2.5 EM1 D/1
GTIN (EAN)	4064675060970
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Depth	50.5 mm	Depth (inches)	1.988 inch
Height	90 mm	Height (inches)	3.543 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	13.23 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Material data

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

System specifications

End cover plate required	Yes	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

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

Component

Component diode	Type diode	1N4007
	Forward current	1 A
	Reverse voltage	1,300 V
	Forward voltage	0.7 V

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Technical data

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	Type of connection	PUSH IN
Wire connection cross section, finely stranded, max.	2.5 mm ²	Wire connection cross section, finely stranded, min.	0.5 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

Rail	TS 35	Standards	In accordance with IEC 60947-7-1
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Rating data

Rated cross-section	2.5 mm ²	Rated voltage	500 V
Rated current	1 A	Current at maximum wires	1 A
Standards	In accordance with IEC 60947-7-1	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)	1 A
Current size C (cURus)	1 A	Current size D (cURus)	1 A
Voltage size B (cURus)	24 V	Voltage size C (cURus)	24 V
Voltage size D (cURus)	24 V		

Classifications

ETIM 6.0	EC000903	ETIM 7.0	EC000903
ETIM 8.0	EC000903	ECLASS 9.0	27-14-11-27
ECLASS 9.1	27-14-11-47	ECLASS 10.0	27-14-11-27
ECLASS 11.0	27-14-11-27		

Approvals

Approvals



UL File Number Search E60693

A2T 2.5 EM1 D/1

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Technical data

Downloads

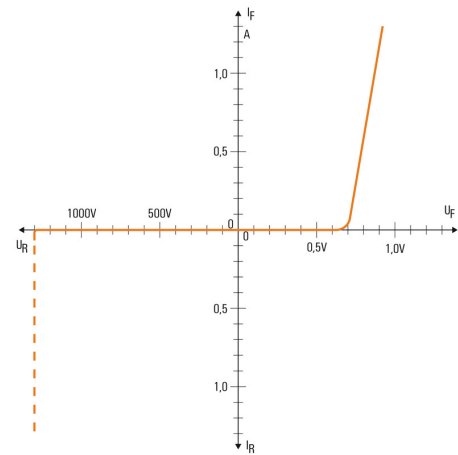
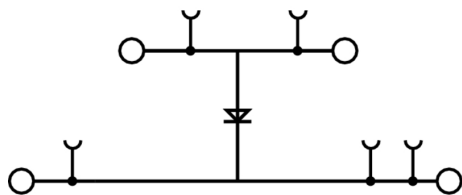
Approval/Certificate/Document of Conformity	CE Declaration of Conformity
Engineering Data	STEP
User Documentation	BPZL AXC 1.5-16
Catalogues	Catalogues in PDF-format

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Drawings



A2T 2.5 EM1 D/1

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Accessories

A-Series

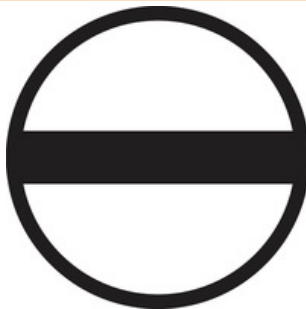


Warning covers with a flash symbol provide more safety for man and machine. They are used where external voltage must be indicated within the application.

General ordering data

Type	AAM 2.5 YE FLASH	Version
Order No.	2635550000	Terminal marker, 8 x 5.1 mm, Pitch in mm (P): 5.00 yellow
GTIN (EAN)	4050118674095	
Qty.	40 pc(s).	

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SLIM 0.6X3.5X100	Version
Order No.	2749610000	Mounting tool, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade
GTIN (EAN)	4050118896350	thickness (A): 0.6 mm
Qty.	1 pc(s).	

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www.weidmueller.com**Accessories****A-Series**A
Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	AEB 35 SCL/1 V0 BK	Version
Order No.	2661300000	A-series, End bracket
GTIN (EAN)	4050118702187	
Qty.	20 pc(s).	
Type	AEB 35 SCL/1 V0	Version
Order No.	2661280000	A-series, End bracket
GTIN (EAN)	4050118702163	
Qty.	20 pc(s).	
Type	AEB 35 SCL/1 V0 GY	Version
Order No.	2661290000	A-series, End bracket
GTIN (EAN)	4050118702170	
Qty.	20 pc(s).	