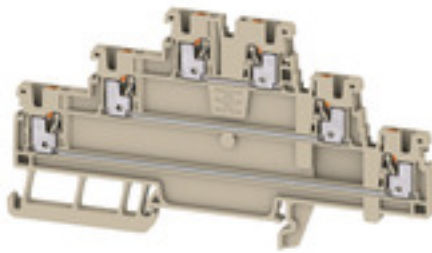


A3T 1.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Feed-through terminal, Multi-tier modular terminal, PUSH IN, 1.5 mm ² , 500 V, 15 A, dark beige
Order No.	2816930000
Type	A3T 1.5
GTIN (EAN)	4064675315353
Qty.	50 pièce(s)

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Caractéristiques techniques

Dimensions and weights

Depth	53 mm	Depth (inches)	2,087 inch
Height	106,5 mm	Height (inches)	4,193 inch
Width	3,5 mm	Width (inches)	0,138 inch
Net weight	10,56 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	dark beige
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	440 V	Current (ATEX)	14 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	440 V
Current (IECEX)	14 A	Wire cross section max. (IECEX)	1.5 mm ²

System specifications

End cover plate required	Yes	Number of potentials	3
Number of levels	3	Number of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
Rail	TS 35	PEN function	No

Additional technical data

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

CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	15 A
Current size C (CSA)	15 A	Current size D (CSA)	5 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

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Caractéristiques techniques

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm	Clamping range, max.	1,5 mm ²
Clamping range, min.	0,14 mm ²	Connection cross-section, stranded, max.	1,5 mm ²
Connection cross-section, stranded, min.	0,5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A1	Number of connections	6
Stripping length	8 mm	Type of connection	PUSH IN
Type of connection 2	PUSH IN	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section, finely stranded, max.	1,5 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.	1,5 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.	1,5 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.	1,5 mm ²
Wire connection cross-section, solid core, min.	0,5 mm ²		

General

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	1,5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	15 A
Current at maximum wires	15 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1,83 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	0,56 W	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	Current size B (cURus)	15 A
Current size C (cURus)	15 A	Current size D (cURus)	5 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	300 V
Voltage size D (cURus)	600 V	Wire cross section max. (cURus)	14 AWG
Wire cross section min. (cURus)	26 AWG		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-02
ECLASS 14.0	27-25-01-02		

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Caractéristiques techniques

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



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

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity DNVGL certificate IECEx Certificate ATEX Certificate UKCA Ex Certificate Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	NTI A3T 1.5-A3T 1.5 PE
Catalogues	Catalogues in PDF-format

A3T 1.5

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Dessins

