

A3T 1.5 BL

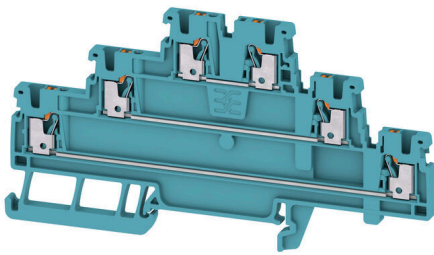
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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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, blue
Order No.	2816940000
Type	A3T 1.5 BL
GTIN (EAN)	4064675315377
Qty.	50 items

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Technical data

Approvals

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

Dimensions and weights

Depth	53 mm	Depth (inches)	2.0866 inch
Height	106.5 mm	Height (inches)	4.1929 inch
Width	3.5 mm	Width (inches)	0.1378 inch
Net weight	10.56 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °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	blue
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
Mounting rail	TS 35	PEN function	No

Additional technical data

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

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CSA rating data

Wire cross section max. (CSA)	14 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	15 A	Certificate No. (CSA)	200039-70089609
Voltage size B (CSA)	300 V	Current size B (CSA)	15 A
Voltage size D (CSA)	600 V	Current size D (CSA)	5 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	A1	Wire connection cross section AWG, max.	AWG 14
Connection direction	top	Stripping length	8 mm
Type of connection 2	PUSH IN	Type of connection	PUSH IN
Number of connections	6	Clamping range, max.	1.5 mm ²
Clamping range, min.	0.14 mm ²	Blade size	0.4 x 2.0 mm
Wire connection cross section AWG, min.	AWG 26	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.	0.14 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.	0.14 mm ²	Wire connection cross section, finely stranded, max.	1.5 mm ²
Wire connection cross section, finely stranded, min.	0.14 mm ²	Connection cross-section, stranded, max.	1.5 mm ²
Connection cross-section, stranded, min.	0.14 mm ²	Wire connection cross-section, solid core, max.	1.5 mm ²
Wire connection cross-section, solid core, min.	0.14 mm ²	Connection cross-section, finely stranded, min.	0.14 mm ²

General

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

Rating data

Rated cross-section	1.5 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal 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	Surge voltage category	III
Pollution severity	3		

UL rating data

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

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Current size D (cURus) 5 A

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		

Drawings

