

AL2T 4

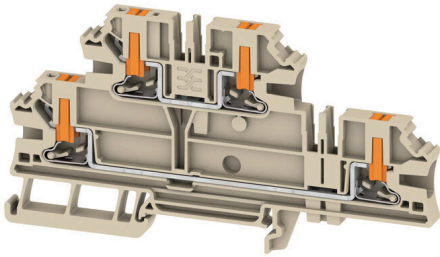
Weidmüller Interface GmbH & Co. KG

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	Multi-tier modular terminal, PUSH IN, dark beige, 4 mm ² , 1000 V, Number of connections: 4, Number of levels: 2, TS 35, V-0
Order No.	2847780000
Type	AL2T 4
GTIN (EAN)	4064675457329
Qty.	50 items

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Technical data

Approvals

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UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	59.5 mm	Depth (inches)	2.3425 inch
Height	113.5 mm	Height (inches)	4.4685 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	22.38 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Material data

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

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV22TEX8826U	Certificate No. (IECEX)	IEXEXTUR22.0019U
Current (ATEX)	25.5 A	Wire cross section max. (ATEX)	6 mm ²
Max. voltage (IECEX)	550 V	Current (IECEX)	25.5 A
Wire cross section max. (IECEX)	6 mm ²		

System specifications

End cover plate required	Yes	Number of potentials	2
Number of levels	2	Number of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Snap-on	Yes	Type of fixing	TS 35
Explosion-tested version	No	Type of mounting	TS 35

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A4	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Stripping length	12 mm
Type of connection 2	PUSH IN	Type of connection	PUSH IN
Number of connections	4	Clamping range, max.	6 mm ²

Creation date 28.02.2026 01:57:41 MEZ

Catalogue status / Drawings

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Clamping range, min.	0.14 mm ²	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 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.	6 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.	6 mm ²
Wire connection cross section, finely stranded, min.	0.14 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.14 mm ²	Wire connection cross-section, solid core, max.	4 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 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	4 mm ²	Rated voltage	1000 V
Rated DC voltage	800 V	Nominal current	32 A
Current at maximum wires	32 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	8 kV
Surge voltage category	III	Pollution severity	3

UL rating data

Voltage size B (cURus)	600 V	Voltage size D (cURus)	600 V
Wire cross section max. (cURus)	10 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	24 AWG	Current size B (cURus)	30 A
Voltage size C (cURus)	600 V	Current size C (cURus)	30 A
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

