

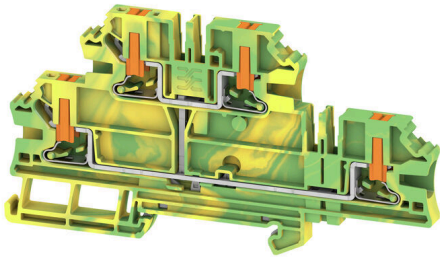
AL2T 4 PE**Weidmüller Interface GmbH & Co. KG**

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 PE terminal, PUSH IN, Green/yellow, 4 mm ² , 800 V, Number of connections: 4, Number of levels: 2, V-0, Wemid
Order No.	2847810000
Type	AL2T 4 PE
GTIN (EAN)	4064675457350
Qty.	50 items

AL2T 4 PE

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Technical data

Approvals

Approvals



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	25.14 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	Green/yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	.	Certificate No. (IECEX)	.
Wire cross section max. (ATEX)	6 mm ²	Wire cross section max. (IECEX)	6 mm ²

System specifications

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

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

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

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Type of connection	PUSH IN	Number of connections	4
Clamping range, max.	6 mm ²	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

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-2		

Rating data

Rated cross-section	4 mm ²	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage to adjacent terminal	6 kV
Power loss in accordance with IEC 60947-7-x	0.00 W	Surge voltage category	III
Pollution severity	3		

UL rating data

Wire cross section max. (cURus)	10 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	24 AWG		

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-04
ECLASS 15.0	27-25-01-04		

Drawings

