

AMC 2.5 800V DL**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	Motor-connection terminal (Multi-level), PUSH IN, dark beige, 2.5 mm ² , 22 A, 800 V, Number of connections: 7, Number of levels: 4, TS 35, V-0, Wemid
Order No.	2742050000
Type	AMC 2.5 800V DL
GTIN (EAN)	4064675002345
Qty.	50 items

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Technical data

Approvals

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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURusEX)	E184763

Dimensions and weights

Depth	88 mm	Depth (inches)	3.4646 inch
Height	107.5 mm	Height (inches)	4.2323 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	34 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%
Product Carbon Footprint	Cradle to gate 0.289 kg CO2 eq.

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)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	440 V	Current (ATEX)	19 A
Wire cross section max. (ATEX)	2.5 mm ²	Max. voltage (IECEX)	440 V
Current (IECEX)	19 A	Wire cross section max. (IECEX)	2.5 mm ²

System specifications

End cover plate required	No	Number of potentials	4
Number of levels	4	Number of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

Type of fixing	TS 35	Explosion-tested version	Yes
Type of mounting	Snap-on		

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CSA rating data

Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	20 A	Certificate No. (CSA)	200039-70089609
Voltage size B (CSA)	600 V	Current size B (CSA)	20 A
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A
Wire cross section min. (CSA)	28 AWG		

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 14		
Connection direction	top		
Stripping length	10 mm		
Type of connection	PUSH IN		
Number of connections	7		
Wire connection cross section AWG, min.	AWG 20		
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, finely stranded with wire-end ferrules DIN 46228/1, max.	4 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, max.	4 mm ²		
Wire connection cross section, finely stranded, min.	0.5 mm ²		
Connection cross-section, stranded, max.	4 mm ²		
Connection cross-section, stranded, 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		
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	5 mm
	Cross-section for conductor connection	nominal	0.25 mm ²
		min.	6 mm
	Tube length	max.	10 mm
		min.	0.5 mm ²
	Cross-section for conductor connection	max.	1 mm ²
		min.	7 mm
	Tube length	max.	12 mm
		min.	1.5 mm ²
	Cross-section for conductor connection	max.	4 mm ²
		min.	
		max.	

General

Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 20
Mounting rail	TS 35		

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Rated cross-section	2.5 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	22 A
Current at maximum wires	22 A	Volume resistance	1.33 mΩ
Surge voltage category	III	Pollution severity	3

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

