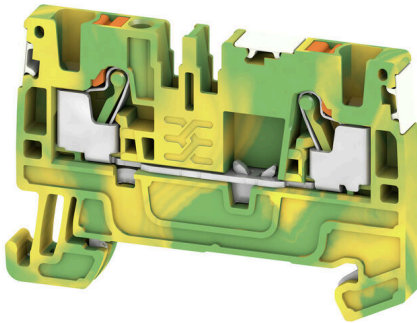


A2C 2.5 PE DL**Weidmüller Interface GmbH & Co. KG**

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.

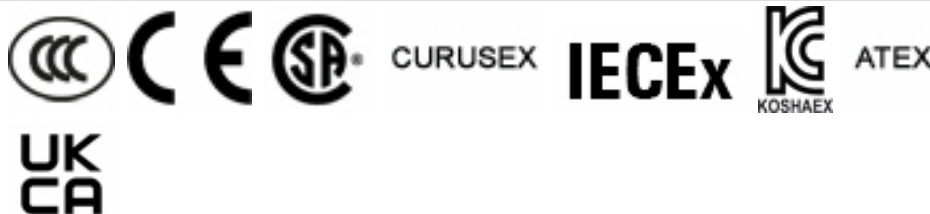
General ordering data

Version	PE terminal, PUSH IN, 2.5 mm ² , Green/yellow
Order No.	2674710000
Type	A2C 2.5 PE DL
GTIN (EAN)	4050118716009
Qty.	50 items

Technical data

Approvals

Approvals



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

Dimensions and weights

Depth	36.5 mm	Depth (inches)	1.437 inch
Depth including DIN rail	37 mm	Height	55 mm
Height (inches)	2.1654 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	9.6 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	0.235 kg CO2 eq.	

Material data

Basic material	Wemid	Colour	Green/yellow
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	2.5 mm ²	Wire cross section max. (IECEX)	2.5 mm ²
Ex 2014/34/EU label	II 2 G D		

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	PE connection	Yes
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	No

Additional technical data

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

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Technical data

CSA rating data

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

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3		
Wire connection cross section AWG, max.	AWG 12		
Connection direction	top		
Stripping length	10 mm		
Type of connection	PUSH IN		
Number of connections	2		
Clamping range, max.	4 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.	2.5 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.	4 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.	4 mm ²		
Wire connection cross section, finely stranded, min.	0.14 mm ²		
Connection cross-section, stranded, max.	4 mm ²		
Connection cross-section, stranded, min.	0.14 mm ²		
Twin wire-end ferrules, max.	0.75 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	2.5 mm ²		
Wire connection cross-section, solid core, min.	0.14 mm ²		
Connection cross-section, finely stranded (rated connection), min.	0.14 mm ²		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	8 mm
		max.	6 mm
	Cross-section for conductor connection	min.	0.34 mm ²
		max.	0.14 mm ²
	Tube length	min.	12 mm
		max.	6 mm
	Cross-section for conductor connection	min.	1 mm ²
		max.	0.5 mm ²
	Tube length	min.	12 mm
		max.	6 mm

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Technical data

Tube length for twin wire-end ferrule	Cross-section for conductor connection	max.	8 mm
		min.	2.5 mm ²
		max.	1.5 mm ²
Tube length for twin wire-end ferrule	Tube length	min.	8 mm
		max.	12 mm
		max.	0.75 mm ²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm ²
		max.	0.75 mm ²
		max.	0.75 mm ²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	nominal	5 mm
		nominal	0.25 mm ²
		nominal	0.25 mm ²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	6 mm
		max.	10 mm
		max.	10 mm
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
		max.	1 mm ²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Tube length	min.	7 mm
		max.	12 mm
		max.	12 mm
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	1.5 mm ²
		max.	4 mm ²
		max.	4 mm ²
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Cross-section, min.	0.14 mm ²	
		0.34 mm ²	
		0.34 mm ²	
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Tube length, min.	6 mm	
		8 mm	
		8 mm	
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Cross-section, min.	0.5 mm ²	
		1 mm ²	
		1 mm ²	
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Tube length, min.	6 mm	
		12 mm	
		12 mm	
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Cross-section, min.	1.5 mm ²	
		2.5 mm ²	
		2.5 mm ²	
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Tube length, min.	8 mm	
		12 mm	
		12 mm	
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Cross-section, min.	0.25 mm ²	
		0.25 mm ²	
		0.25 mm ²	
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Tube length, min.	5 mm	
		5 mm	
		5 mm	
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Cross-section, min.	0.5 mm ²	
		1 mm ²	
		1 mm ²	
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Tube length, min.	6 mm	
		10 mm	
		10 mm	
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Cross-section, min.	1.5 mm ²	
		2.5 mm ²	
		2.5 mm ²	
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Tube length, min.	7 mm	
		12 mm	
		12 mm	
Tube length for twin wire-end ferrule acc. to cross-section	Cross-section, min.	0.5 mm ²	
		0.75 mm ²	
		0.75 mm ²	
Tube length for twin wire-end ferrule acc. to cross-section	Cross-section, max.	0.75 mm ²	
		1 mm ²	
		1 mm ²	
Tube length for twin wire-end ferrule acc. to cross-section	Tube length, min.	8 mm	
		12 mm	
		12 mm	

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Standards	IEC 60947-7-2	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2

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Volume resistance	1.33 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

Drawings

