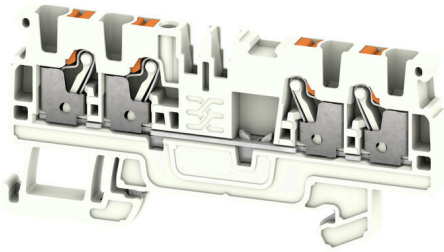


**A4C 2.5 FE WT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Protective earth terminal blocks for the functional earth ensure electromagnetic compatibility within an electrical system. Our portfolio ranges from terminal blocks with one or more connections to various rated cross-sections.

**General ordering data**

Version	Functional earth terminal block, PUSH IN, 2.5 mm <sup>2</sup> , white
Order No.	<a href="#">2690470000</a>
Type	A4C 2.5 FE WT
GTIN (EAN)	4064675062332
Qty.	50 items

## A4C 2.5 FE WT

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E60693
Certificate No. (cURusEX)	E184763

## Dimensions and weights

Depth	36.5 mm	Depth (inches)	1.437 inch
Height	77.5 mm	Height (inches)	3.0512 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	12.74 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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	white
Colour of operational elements	orange	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 <sup>2</sup>	Wire cross section max. (IECEX)	2.5 mm <sup>2</sup>

## System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	4
Number of potentials per tier	1	PE connection	Yes
Mounting rail	TS 35	PE function	Yes
PEN function	No		

## Additional technical data

Open sides	right	Snap-on	Yes
Type of fixing	Snap-on	Explosion-tested version	Yes
Type of mounting	TS 35, TS 32		

## A4C 2.5 FE WT

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## 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	4		
Clamping range, max.	4 mm <sup>2</sup>		
Clamping range, min.	0.14 mm <sup>2</sup>		
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 <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm <sup>2</sup>		
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>		
Wire connection cross section, finely stranded, min.	0.14 mm <sup>2</sup>		
Connection cross-section, stranded, max.	4 mm <sup>2</sup>		
Connection cross-section, stranded, min.	0.14 mm <sup>2</sup>		
Twin wire-end ferrules, max.	0.75 mm <sup>2</sup>		
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, max.	2.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.14 mm <sup>2</sup>		
Connection cross-section, finely stranded, min.	0.14 mm <sup>2</sup>		
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 <sup>2</sup>
		max.	0.14 mm <sup>2</sup>
	Tube length	min.	12 mm
		max.	6 mm
	Cross-section for conductor connection	min.	1 mm <sup>2</sup>
		max.	0.5 mm <sup>2</sup>
	Tube length	min.	12 mm

## A4C 2.5 FE WT

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

www.weidmueller.com

## Technical data

		max.	8 mm
	Cross-section for conductor connection	min.	2.5 mm <sup>2</sup>
		max.	1.5 mm <sup>2</sup>
Tube length for twin wire-end ferrule	Tube length	min.	8 mm
		max.	12 mm
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	0.75 mm <sup>2</sup>
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 <sup>2</sup>
	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	min.	0.5 mm <sup>2</sup>
		max.	1 mm <sup>2</sup>
	Tube length	min.	7 mm
		max.	12 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	4 mm <sup>2</sup>
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Cross-section, min.	0.14 mm <sup>2</sup>	
	Cross-section, max.	0.34 mm <sup>2</sup>	
	Tube length, min.	6 mm	
	Tube length, max.	8 mm	
	Cross-section, min.	0.5 mm <sup>2</sup>	
	Cross-section, max.	1 mm <sup>2</sup>	
	Tube length, min.	6 mm	
	Tube length, max.	12 mm	
	Cross-section, min.	1.5 mm <sup>2</sup>	
	Cross-section, max.	2.5 mm <sup>2</sup>	
	Tube length, min.	8 mm	
	Tube length, max.	12 mm	
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Cross-section, min.	0.25 mm <sup>2</sup>	
	Cross-section, max.	0.25 mm <sup>2</sup>	
	Tube length, min.	5 mm	
	Tube length, max.	5 mm	
	Cross-section, min.	0.5 mm <sup>2</sup>	
	Cross-section, max.	1 mm <sup>2</sup>	
	Tube length, min.	6 mm	
	Tube length, max.	10 mm	
	Cross-section, min.	1.5 mm <sup>2</sup>	
	Cross-section, max.	2.5 mm <sup>2</sup>	
	Tube length, min.	7 mm	
	Tube length, max.	12 mm	
Tube length for twin wire-end ferrule acc. to cross-section	Cross-section, min.	0.5 mm <sup>2</sup>	
	Cross-section, max.	0.75 mm <sup>2</sup>	
	Tube length, min.	8 mm	
	Tube length, max.	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 <sup>2</sup>	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60947-7-2

## A4C 2.5 FE WT

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

Volume resistance according to IEC 60947-7-x	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W
Surge voltage category	III	Pollution severity	3

### UL rating data

Conductor size Factory wiring max. (cURus)	12 AWG	Voltage size B (cURus)	600 V
Voltage size D (cURus)	600 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	28 AWG	Conductor size Factory wiring min. (cURus)	28 AWG
Voltage size C (cURus)	600 V	Conductor size Field wiring max. (cURus)	12 AWG

### 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**

