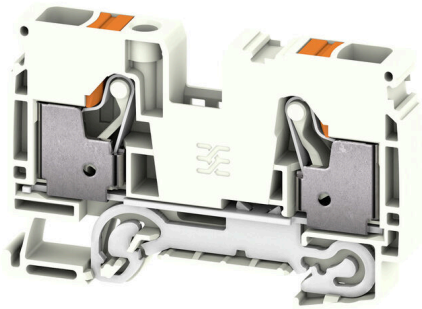


**A2C 10 FE WT****Weidmüller Interface GmbH & Co. KG**

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	Feed-through terminal, PUSH IN, 10 mm <sup>2</sup> , white
Order No.	<a href="#">2734170000</a>
Type	A2C 10 FE WT
GTIN (EAN)	4050118813869
Qty.	25 items

## A2C 10 FE WT

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

www.weidmueller.com

## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Depth	51.5 mm	Depth (inches)	2.0276 inch
Height	80.5 mm	Height (inches)	3.1693 inch
Width	10 mm	Width (inches)	0.3937 inch
Net weight	39 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%

### Material data

Basic material	Wemid	Colour	white
UL 94 flammability rating	V-0		

### Rating data IECEX/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	550 V	Current (ATEX)	52 A
Wire cross section max. (ATEX)	10 m2	Max. voltage (IECEX)	550 V
Current (IECEX)	52 A	Wire cross section max. (IECEX)	10 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	2
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		

### Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

## A2C 10 FE WT

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

www.weidmueller.com

## Technical data

### Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A6		
Wire connection cross section AWG, max.	AWG 6		
Connection direction	top		
Stripping length	18 mm		
Type of connection	PUSH IN		
Number of connections	2		
Clamping range, max.	16 mm <sup>2</sup>		
Clamping range, min.	0.5 mm <sup>2</sup>		
Blade size	0.6 x 3.5 mm		
Wire connection cross section AWG, min.	AWG 18		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	10 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	10 mm <sup>2</sup>		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>		
Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>		
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>		
Connection cross-section, stranded, max.	16 mm <sup>2</sup>		
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>		
Twin wire-end ferrules, max.	4 mm <sup>2</sup>		
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>		
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>		
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		
Connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	18 mm
	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	4 mm <sup>2</sup>
	Tube length	min.	12 mm
Tube length for twin wire-end ferrule	Cross-section for conductor connection	min.	6 mm <sup>2</sup>
		max.	10 mm <sup>2</sup>
	Tube length	nominal	18 mm
	Cross-section for conductor connection	min.	0.75 mm <sup>2</sup>
max.		1 mm <sup>2</sup>	
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	1.5 mm <sup>2</sup>
		max.	4 mm <sup>2</sup>
	Tube length	min.	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.	1.5 mm <sup>2</sup>	
	Cross-section, max.	4 mm <sup>2</sup>	

## A2C 10 FE WT

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

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

## Technical data

	Tube length, min.	18 mm
	Tube length, max.	18 mm
	Cross-section, min.	6 mm <sup>2</sup>
	Cross-section, max.	10 mm <sup>2</sup>
	Tube length, min.	12 mm
	Tube length, max.	18 mm
Tube length for wire-end ferrule without plastic collar acc. to cross-section	Cross-section, min.	1.5 mm <sup>2</sup>
	Cross-section, max.	10 mm <sup>2</sup>
	Tube length, min.	18 mm
	Tube length, max.	18 mm
Tube length for twin wire-end ferrule acc. to cross-section	Cross-section, min.	0.75 mm <sup>2</sup>
	Cross-section, max.	1 mm <sup>2</sup>
	Tube length, min.	18 mm
	Tube length, max.	18 mm
	Cross-section, min.	1.5 mm <sup>2</sup>
	Cross-section, max.	4 mm <sup>2</sup>
	Tube length, min.	12 mm
	Tube length, max.	18 mm

### General

Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 18
Standards	IEC 60947-7-2	Mounting rail	TS 35

### Rating data

Rated cross-section	10 mm <sup>2</sup>	Rated voltage to adjoining terminal	1000 V
Rated DC voltage	1000 V	Standards	IEC 60947-7-2
Power loss in accordance with IEC 60947-7-x	1.82 W	Surge voltage category	III
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**

