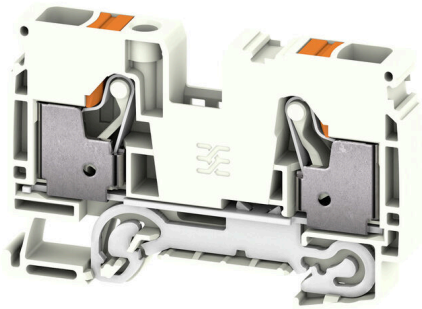


A2C 10 FE WT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 ² , white
Order No.	2734170000
Type	A2C 10 FE WT
GTIN (EAN)	4050118813869
Qty.	25 items

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Technical data

Approvals

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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 ²

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

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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 ²		
Clamping range, min.	0.5 mm ²		
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 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.	10 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.	16 mm ²		
Wire connection cross section, finely stranded, min.	0.5 mm ²		
Connection cross-section, stranded, max.	16 mm ²		
Connection cross-section, stranded, min.	0.5 mm ²		
Twin wire-end ferrules, max.	4 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	10 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		
Connection cross-section, finely stranded, min.	0.5 mm ²		
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 ²
		max.	4 mm ²
	Tube length	min.	12 mm
Tube length for twin wire-end ferrule	Cross-section for conductor connection	min.	6 mm ²
		max.	10 mm ²
	Tube length	nominal	18 mm
	Cross-section for conductor connection	min.	0.75 mm ²
max.		1 mm ²	
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
	Tube length	min.	12 mm
	Cross-section for conductor connection	min.	1.5 mm ²
max.		4 mm ²	
Tube length for wire-end ferrule with plastic collar acc. to cross-section	Cross-section, min.	1.5 mm ²	
	Cross-section, max.	4 mm ²	

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Technical data

	Tube length, min.	18 mm
	Tube length, max.	18 mm
	Cross-section, min.	6 mm ²
	Cross-section, max.	10 mm ²
	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 ²
	Cross-section, max.	10 mm ²
	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 ²
	Cross-section, max.	1 mm ²
	Tube length, min.	18 mm
	Tube length, max.	18 mm
	Cross-section, min.	1.5 mm ²
	Cross-section, max.	4 mm ²
	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 ²	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

