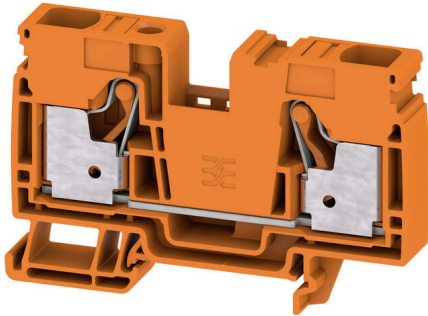


A2C 16 OR**Weidmüller Interface GmbH & Co. KG**

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	Feed-through terminal, PUSH IN, 16 mm ² , 1000 V, 76 A, orange
Order No.	2862830000
Type	A2C 16 OR
GTIN (EAN)	4064675592808
Qty.	20 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	12 mm	Width (inches)	0.4724 inch
Net weight	35.95 g		

Temperatures

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	orange
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)	550 V	Current (ATEX)	64 A
Wire cross section max. (ATEX)	16 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	64 A	Wire cross section max. (IECEX)	16 mm ²

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Levels cross-connected internally	No	Mounting rail	TS 35

Additional technical data

Snap-on	No	Type of fixing	Snap-on
Explosion-tested version	Yes	Type of mounting	TS 35

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 4	Connection direction	top
Stripping length	18 mm	Type of connection	PUSH IN

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Number of connections	2	Clamping range, max.	25 mm ²
Clamping range, min.	0.5 mm ²	Wire connection cross section AWG, min.	AWG 18
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 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.	16 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.	25 mm ²	Wire connection cross section, finely stranded, min.	0.5 mm ²
Connection cross-section, stranded, max.	25 mm ²	Connection cross-section, stranded, min.	0.5 mm ²
Twin wire-end ferrules, max.	6 mm ²	Twin wire-end ferrules, min.	0.75 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²
Connection cross-section, finely stranded, min.	0.5 mm ²		

General

Wire connection cross section AWG, max.	AWG 4	Wire connection cross section AWG, min.	AWG 18
Standards	IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	16 mm ²	Rated voltage	1000 V
Rated DC voltage	1000 V	Nominal current	76 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Surge voltage category	III
Pollution severity	3		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		