A2C 16 OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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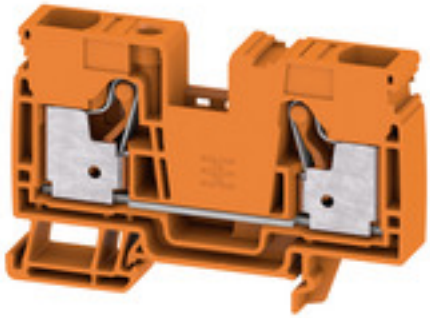
Germany

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 mm², 1000 V, 76 A, orange
Order No.	2862830000
Type	A2C 16 OR
GTIN (EAN)	4064675592808
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	51.5 mm	Depth (inches)	2.028 inch
Height	80.5 mm	Height (inches)	3.169 inch
Width	12 mm	Width (inches)	0.472 inch
Net weight	35.955 g		

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

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 mm²	Max. voltage (IECEX)	550 V
Current (IECEX)	64 A	Wire cross section max. (IECEX)	16 mm²

System specifications

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

Additional technical data

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

Conductors for clamping (additional connection)

Connection type, additional connection	PUSH IN

Conductors for clamping (rated connection)

Clamping range, max.	25 mm²	Connection cross-section, stranded, max.	25 mm²
Connection cross-section, stranded, min.	10 mm²	Connection direction	top
Number of connections	2	Twin wire-end ferrules, max.	6 mm²
Twin wire-end ferrules, min.	0.75 mm²	Type of connection	PUSH IN
Wire connection cross section, finely stranded, max.	25 mm²	Wire connection cross section, finely stranded, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²
Wire connection cross-section, solid core, max.	16 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

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Technical data

Rating data

Rated cross-section	16 mm²	Rated voltage	1,000 V
Rated DC voltage	1,000 V	Rated current	76 A
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Pollution severity	3
Surge voltage category	III		

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

Environmental Product Compliance

REACH SVHC	/

Approvals

Approvals

Downloads

Approval/Certificate/Document of Conformity	20-AV4BO-0269U Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format