

**A2C 35****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

**General ordering data**

Version	Feed-through terminal, PUSH IN, 35 mm <sup>2</sup> , 1000 V, 125 A, dark beige
Order No.	<a href="#">2551510000</a>
Type	A2C 35
GTIN (EAN)	4050118628012
Qty.	10 pc(s).

Creation date September 14, 2021 3:31:27 AM CEST

Catalogue status 10.09.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	71.5 mm	Depth (inches)	2.815 inch
Height	101.5 mm	Height (inches)	3.996 inch
Width	16 mm	Width (inches)	0.63 inch
Net weight	79.726 g		

## Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-60 °C
Continuous operating temp., max.	130 °C		

## Material data

Material	Wemid	Colour	dark beige
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)	880 V	Current (ATEX)	105 A
Wire cross section max. (ATEX)	35 mm <sup>2</sup>	Max. voltage (IECEX)	880 V
Current (IECEX)	105 A	Wire cross section max. (IECEX)	35 mm <sup>2</sup>

## System specifications

End cover plate required	No	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

## Additional technical data

Open sides	closed	Snap-on	Yes
Type of fixing	TS 35	Type of mounting	TS 35

## Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	35 mm <sup>2</sup>
Clamping range, min.	2.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	35 mm <sup>2</sup>
Connection cross-section, stranded, min.	10 mm <sup>2</sup>	Number of connections	2
Stripping length	25 mm	Twin wire-end ferrules, max.	10 mm <sup>2</sup>
Twin wire-end ferrules, min.	2.5 mm <sup>2</sup>	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 2	Wire connection cross section AWG, min.	AWG 12
Wire connection cross section, finely stranded, max.	35 mm <sup>2</sup>	Wire connection cross section, finely stranded, min.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>

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## Technical data

## General

Number of poles	1	Operating temperature range, max.	130 °C
Operating temperature range, min.	-50 °C	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 2
Wire connection cross section AWG, min.	AWG 12		

## Rating data

Rated cross-section	35 mm <sup>2</sup>	Rated voltage	1,000 V
Rated AC voltage	1,000 V	Rated DC voltage	1,500 V DC
Rated current	125 A	Current at maximum wires	125 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3	Surge voltage category	III

## UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	2 AWG
Conductor size Factory wiring min. (cURus)	12 AWG	Conductor size Field wiring max. (cURus)	2 AWG
Conductor size Field wiring min. (cURus)	12 AWG	Current size B (cURus)	113 A
Current size C (cURus)	113 A	Current size D (cURus)	5 A
Voltage size B (cURus)	1000 V	Voltage size C (cURus)	1000 V
Voltage size D (cURus)	600 V		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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		

## Approvals

Approvals



UL File Number Search

E60693

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Atestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">EU Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTIA2C 35</a> <a href="#">BPZL A2C 35</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**Data sheet**

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**Drawings**

**Electric symbol**

