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 mm², 1000 V, 125 A, dark beige
Order No.	2551510000
Type	A2C 35
GTIN (EAN)	4050118628012
Qty.	10 pc(s).

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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 mm²	Max. voltage (IECEX)	880 V
Current (IECEX)	105 A	Wire cross section max. (IECEX)	35 mm²

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 mm²
Clamping range, min.	2.5 mm²	Connection cross-section, stranded, max.	35 mm²
Connection cross-section, stranded, min.	10 mm²	Number of connections	2
Stripping length	25 mm	Twin wire-end ferrules, max.	10 mm²
Twin wire-end ferrules, min.	2.5 mm²	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 mm²	Wire connection cross section, finely stranded, min.	10 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm²
Wire connection cross-section, solid core, max.	16 mm²	Wire connection cross-section, solid core, min.	2.5 mm²

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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 mm²	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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Technical data

Downloads

Approval/Certificate/Document of Conformity	Atestation of Conformity IECEx Certificate ATEX Certificate CCC Ex Certificate EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN
User Documentation	StorageConditionsTerminalBlocks NTI A2C 35 BPZL A2C 35
Catalogues	Catalogues in PDF-format

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Drawings

Electric symbol

