

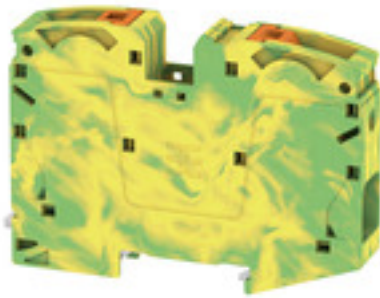
A2C 35 PE**Weidmüller Interface GmbH & Co. KG**

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	PE terminal, PUSH IN, 35 mm ² , 1000 V, Green/ yellow
Order No.	2551520000
Type	A2C 35 PE
GTIN (EAN)	4050118680201
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Depth	71.5 mm	Depth (inches)	2.815 inch
Height	101 mm	Height (inches)	3.976 inch
Net weight	109.905 g	Width	16 mm
Width (inches)	0.63 inch		

Temperatures

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

Material data

Material	Wemid	Colour	Green/yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Wire cross section max. (ATEX)	35 mm ²	Wire cross section max. (IECEX)	35 mm ²

System specifications

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

Additional technical data

Snap-on	Yes	Type of fixing	Snap-on
Type of mounting	TS 35, Snap-on		

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	35 mm ²
Clamping range, min.	2.5 mm ²	Connection cross-section, stranded, max.	35 mm ²
Connection cross-section, stranded, min.	10 mm ²	Connection direction	on side
Number of connections	2	Stripping length	25 mm
Twin wire-end ferrules, max.	10 mm ²	Twin wire-end ferrules, min.	2.5 mm ²
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 ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	35 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm ²
Wire connection cross-section, solid core, max.	16 mm ²	Wire connection cross-section, solid core, min.	2.5 mm ²

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Technical data**General**

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

Rating data

Power loss in accordance with IEC 60947-7-x	4 W	Rated cross-section	35 mm ²
Rated voltage	1,000 V	Rated voltage to adjoining terminal	1,000 V
Standards	IEC 60947-7-2	Volume resistance according to IEC 60947-7-x	0.26 mΩ
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	Voltage size B (cURus)	1000 V
Voltage size C (cURus)	1000 V	Voltage size D (cURus)	600 V

Classifications

ETIM 6.0	EC000901	ETIM 7.0	EC000901
ECLASS 9.0	27-14-11-41	ECLASS 9.1	27-14-11-41
ECLASS 10.0	27-14-11-41	ECLASS 11.0	27-14-11-41

Approvals

Approvals



UL File Number Search E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate EAC EX Certificate CCC Ex Certificate EU Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN
User Documentation	StorageConditionsTerminalBlocks

Data sheet

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Drawings

Electric symbol

