

**A2C 50/70****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**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, 50 mm <sup>2</sup> , 1000 V, 150 A, dark beige
Order No.	<a href="#">2663250000</a>
Type	A2C 50/70
GTIN (EAN)	4050118814972
Qty.	5 pc(s).

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Catalogue status 20.08.2021 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Depth	80.5 mm	Depth (inches)	3.169 inch
Height	101.5 mm	Height (inches)	3.996 inch
Width	20 mm	Width (inches)	0.787 inch
Net weight	119.592 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

**System specifications**

End cover plate required	No	Number of potentials	1
Number of levels	1	Number of clamping points per level	2
Number of potentials per tier	1	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	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.	70 mm <sup>2</sup>
Clamping range, min.	10 mm <sup>2</sup>	Connection cross-section, stranded, max.	70 mm <sup>2</sup>
Connection cross-section, stranded, min.	10 mm <sup>2</sup>	Connection direction	on side
Number of connections	2	Stripping length	30 mm
Twin wire-end ferrules, max.	10 mm <sup>2</sup>	Twin wire-end ferrules, min.	4 mm <sup>2</sup>
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 2/0
Wire connection cross section AWG, min.	AWG 8	Wire connection cross section, finely stranded, max.	70 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.	50 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	50 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	70 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	10 mm <sup>2</sup>		

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**Technical data****General**

Rail	TS 35	Standards	IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 2/0	Wire connection cross section AWG, min.	AWG 8

**Rating data**

Rated cross-section	50 mm <sup>2</sup>	Rated voltage	1,000 V
Rated DC voltage	1,500 V DC	Rated current	150 A
Current at maximum wires	150 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.21 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	4.8 W	Pollution severity	3
Surge voltage category	III		

**UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	00 AWG
Conductor size Factory wiring min. (cURus)	8 AWG	Conductor size Field wiring max. (cURus)	00 AWG
Conductor size Field wiring min. (cURus)	8 AWG	Current size B (cURus)	175 A
Current size C (cURus)	175 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

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Instruction sheet</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**Data sheet**

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**Drawings**

