

A2C 50/70 3FT-N-FE-DM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 ² , 1000 V, 150 A, dark beige, blue, black, yellow
Order No.	2663360000
Type	A2C 50/70 3FT-N-FE-DM
GTIN (EAN)	4050118896015
Qty.	1 pc(s).

Creation date August 25, 2021 7:54:20 PM CEST

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

A2C 50/70 3FT-N-FE-DM

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	80.5 mm	Depth (inches)	3.169 inch
Height	134 mm	Height (inches)	5.276 inch
Width	100 mm	Width (inches)	3.937 inch
Net weight	600 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, blue, black, yellow
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	No	Number of potentials	5
Number of levels	1	Number of clamping points per level	10
Number of potentials per tier	5	Levels cross-connected internally	No
Rail	TS 35, Mounting plate	N-function	Yes
PE function	No	PEN function	No

Additional technical data

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

Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, max.	70 mm ²
Clamping range, min.	10 mm ²	Connection cross-section, stranded, max.	70 mm ²
Connection cross-section, stranded, min.	10 mm ²	Connection direction	on side
Number of connections	10	Stripping length	30 mm
Twin wire-end ferrules, max.	10 mm ²	Twin wire-end ferrules, min.	4 mm ²
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 ²
Wire connection cross section, finely stranded, min.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	50 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	50 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm ²	Wire connection cross-section, solid core, max.	70 mm ²
Wire connection cross-section, solid core, min.	10 mm ²		

A2C 50/70 3FT-N-FE-DM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**General**

Rail	TS 35, Mounting plate	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 ²	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
Pollution severity	3	Surge voltage category	None, 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	Declaration of Conformity
Engineering Data	STEP
User Documentation	Instruction sheet
Catalogues	Catalogues in PDF-format

Data sheet

A2C 50/70 3FT-N-FE-DM

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

