A-series
AMC 2.5

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
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www.weidmueller.com



Spring connection with PUSH IN Technology
The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

General ordering data

Type	AMC 2.5
Order No.	2434340000
GTIN (EAN)	4050118445022
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Width	5.1 mm	Width (inches)	0.201 inch
Height	107.5 mm	Height (inches)	4.232 inch
Depth	88 mm	Depth (inches)	3.465 inch
Depth including DIN rail	88.5 mm	Net weight	24.644 g

Temperatures

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	Yes	Number of potentials	4
Number of levels	3	No. of clamping points per level	2
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
PE function	Yes		

Additional technical data

Installation advice	Mounting rail	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Type of mounting	TS 35	With snap-in pegs	No

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	2.5 mm²
Clamping range, min.	0.14 mm²	Connection cross-section, stranded, max.	2.5 mm²
Connection cross-section, stranded, min.	0.5 mm²	Connection direction	top
Gauge to IEC 60947-1	A3	Number of connections	7
Stripping length	10 mm	Twin wire-end ferrules, max.	0.75 mm²
Twin wire-end ferrules, min.	0.5 mm²	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28
Wire connection cross section, finely stranded, max.	2.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	2.5 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

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Rating data

Rated cross-section	2.5 mm²	Rated voltage	690 V
Rated current	22 A	Current at maximum wires	21 A
Standards	DIN EN 60947-7-1, DIN EN 60947-7-2	Rated impulse withstand voltage	8 kV
Pollution severity	3	Surge voltage category	III

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	28 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	28 AWG	Current size B (cURus)	20 A
Current size C (cURus)	20 A	Current size D (cURus)	10 A
Voltage size B (cURus)	300 V	Voltage size C (cURus)	150 V
Voltage size D (cURus)	300 V		

Classifications

ETIM 6.0	EC000897	eClass 6.2	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Descriptive text technical data	Approval in progress
Descriptive text accessories	All MultiMark variants (MM) = strip markers

Approvals

Approvals

Downloads

Approval/Certificate/Document of Conformity	DE PT0101 20160519 001 ISSUE01
Engineering Data	EPLAN
Engineering Data	STEP

Safety note

Safety notice	Safety Information

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Drawings

