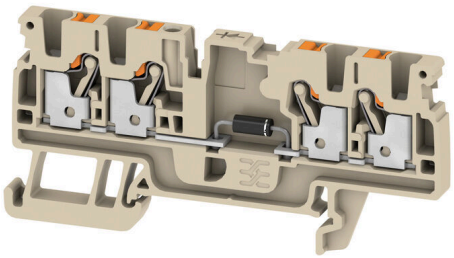
Data sheet

A4C 2.5 EM D2

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

www.weidmueller.com



Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload —ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

General ordering data

Version	Component terminal block, PUSH IN, dark beige, 2.5 mm², 500 V, 500 V, Number of connections: 4, Number of levels: 1, TS 35
Order No.	3170180000
Type	A4C 2.5 EM D2
GTIN (EAN)	4099987834568
Qty.	50 items

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Technical data

Approvals

Approvals	CE

Dimensions and weights

Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	9.52 g		

Temperatures

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

Material data

Basic 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	1
Number of levels	1	Number of clamping points per level	4
Levels cross-connected internally	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

Open sides	right	Type of fixing	TS 35
Explosion-tested version	No	Type of mounting	TS 35

Component

Element type	Diode	
Component 1	Diode 1N 4007	
Component voltage	1300 V	
Component current	1 A	
Component diode	Type diode	1N4007

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Connection direction	top
Stripping length	10 mm	Type of connection 2	PUSH IN
Type of connection	PUSH IN	Number of connections	4
Blade size	0.6 x 3.5 mm		

Fuse terminals

Display	Without LED

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Technical data

General

Standards	In accordance with IEC 60947-7-1	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	0.5 A
Current at maximum wires	0.5 A	Standards	In accordance with IEC 60947-7-1
Power loss (IEC 60947-7-x)	0.77 W	Surge voltage category	III
Pollution severity	3		

Classifications

ETIM 8.0	EC000903	ETIM 9.0	EC000903
ETIM 10.0	EC000903	ECLASS 14.0	27-25-01-14
ECLASS 15.0	27-25-01-14		