

A2T 4 FS-FT-PE BK

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

www.weidmueller.com



General ordering data

Version	Fuse terminal, PUSH IN, 4 mm ² , 500 V, 6.3 A, black
Order No.	2817010000
Type	A2T 4 FS-FT-PE BK
GTIN (EAN)	4064675322320
Qty.	50 pc(s).

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Catalogue status 01.06.2024 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Depth	83.5 mm	Depth (inches)	3.287 inch
Height	126.5 mm	Height (inches)	4.98 inch
Width	6.1 mm	Width (inches)	0.24 inch
Net weight	33.532 g		

Temperatures

Continuous operating temp., min.	-55 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour	black
Colour of operational elements	orange	UL 94 flammability rating	V-0

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8064U	Certificate No. (IECEX)	IECEXTUR17.0030U
Max. voltage (ATEX)	250 V	Current (ATEX)	6.3 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	250 V
Current (IECEX)	6.3 A	Wire cross section max. (IECEX)	4 mm ²

System specifications

End cover plate required	Yes	Number of potentials	3
Number of levels	3	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	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Installation advice	Snap-on
Open sides	right	Snap-on	Yes
Type of mounting	TS 35		

CSA rating data

Certificate No. (CSA)	200039-700896609	Current size B (CSA)	10 A
Current size C (CSA)	30 A	Current size D (CSA)	10 A
Voltage size B (CSA)	300 V	Voltage size C (CSA)	150 V
Voltage size D (CSA)	300 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm ²
Clamping range, min.		Connection cross-section, stranded, max.	6 mm ²
	0.14 mm ²	Connection direction	top
Connection cross-section, stranded, min.	0.5 mm ²	Number of connections	5
Gauge to IEC 60947-1	A4	Twin wire-end ferrules, max.	1.5 mm ²
Stripping length	12 mm	Type of connection	PUSH IN
Twin wire-end ferrules, min.	0.5 mm ²	Wire connection cross section AWG, max.	AWG 10
Type of connection 2	PUSH IN	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross section AWG, min.	AWG 24	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Without LED
Fuse holder (cartridge holder)	Pivoting	Operating voltage, max.	250 V
Type of voltage for indicator	AC/DC		

General

Installation advice	Snap-on	Rail	TS 35
Standards	IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 24		

Rating data

Rated cross-section	4 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	250 V	Rated DC voltage	500 V
Rated current	6.3 A	Current at maximum wires	6.3 A
Standards	IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	26 AWG		

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Technical data**Classifications**

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	EC000899
ECLASS 9.0	27-14-11-16	ECLASS 9.1	27-14-11-16
ECLASS 10.0	27-14-11-16	ECLASS 11.0	27-14-11-16
ECLASS 12.0	27-14-11-16	ECLASS 13.0	27-25-01-13

Important note

Product information The voltage depends on the selected fuse element or the selected indicator light

Approvals

Approvals



UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate UKCA EX Certificate Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	NTIA2T FS-FT-PE
Catalogues	Catalogues in PDF-format

Data sheet

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Drawings

