

**A2T 4 FS-FT-PE 100-250V BK****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	Fuse terminal, PUSH IN, 4 mm <sup>2</sup> , 250 V, 6.3 A, black
Order No.	<a href="#">2817050000</a>
Type	A2T 4 FS-FT-PE 100-250V BK
GTIN (EAN)	4064675322405
Qty.	50 items

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## Technical data

## Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (cURus)	E60693

## Dimensions and weights

Depth	83.5 mm	Depth (inches)	3.2874 inch
Height	126.5 mm	Height (inches)	4.9803 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Net weight	33.77 g		

## Temperatures

Ambient temperature	-55 °C...85 °C	Continuous operating temp., min.	-55 °C
Continuous operating temp., max.	130 °C		

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Material data

Basic 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 <sup>2</sup>	Max. voltage (IECEX)	250 V
Current (IECEX)	6.3 A	Wire cross section max. (IECEX)	4 mm <sup>2</sup>

## 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
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	No

## Additional technical data

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

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## Technical data

### CSA rating data

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

### Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

### Conductors for clamping (rated connection)

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

### Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Fuse holder (cartridge holder)	Pivoting
Type of voltage for indicator	AC/DC	Display	LED
Operating voltage, max.	250 V	Leakage current, max.	0.5 µA

### General

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

### Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	250 V
Rated voltage to adjoining terminal	250 V	Rated DC voltage	250 V
Nominal 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

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**Technical data**

Rated impulse withstand voltage	6 kV	Surge voltage category	III
Pollution severity	3		

**UL rating data**

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

**Important note**

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

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

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Drawings

