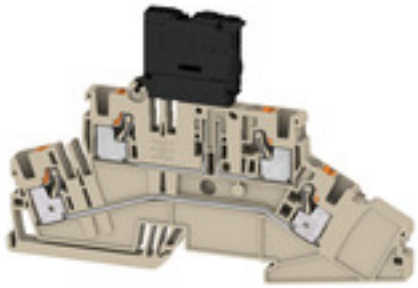
A2T 4 FS-FT

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

www.weidmueller.com



RoHS COMPLIANT

General ordering data

Version	Fuse terminal, PUSH IN, 4 mm², 500 V, 6.3 A, dark beige
Order No.	2831500000
Type	A2T 4 FS-FT
GTIN (EAN)	4064675416333
Qty.	50 pc(s).

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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	30.6 g		

Temperatures

Continuous operating temp., min.	-55 °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

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV16ATEX7909U	Certificate No. (IECEX)	IECEXTUR16.0036U
Max. voltage (ATEX)	550 V	Current (ATEX)	25 A
Wire cross section max. (ATEX)	4 mm²	Max. voltage (IECEX)	550 V
Current (IECEX)	25 A	Wire cross section max. (IECEX)	4 mm²

System specifications

End cover plate required	Yes	Number of potentials	2
Number of levels	2	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	No	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 mm²
Clamping range, min.	0.14 mm²	Connection cross-section, stranded, max.	6 mm²
Connection cross-section, stranded, min.	0.5 mm²	Connection direction	top
Gauge to IEC 60947-1	A4	Number of connections	4
Stripping length	12 mm	Twin wire-end ferrules, max.	1.5 mm²
Twin wire-end ferrules, min.	0.5 mm²	Type of connection	PUSH IN
Type of connection 2	PUSH IN	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 24	Wire connection cross section, finely stranded, max.	6 mm²
Wire connection cross section, finely stranded, min.	0.5 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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.	4 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, solid core, max.	4 mm²
Wire connection cross-section, solid core, min.	0.5 mm²		

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Without LED
Fuse holder (cartridge holder)	Pivoting		

General

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

Rating data

Rated cross-section	4 mm²	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 60947-7-3, IEC 60947-7-1	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
ECLASS 14.0	27-25-01-13		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Important note

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

Approvals

Approvals	
ROHS	Conform
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	NTI A2T 4 FS-FT
Catalogues	Catalogues in PDF-format

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Drawings

