

**A-series
AFS 4 2C 10-36V BK**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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Germany
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**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	AFS 4 2C 10-36V BK
Order No.	2429870000
Version	Fuse terminal, PUSH IN, 4 mm ² , 36 V, 6.3 A, Black
GTIN (EAN)	4050118439588
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Width	6.1 mm	Width (inches)	0.24 inch
Height	74 mm	Height (inches)	2.913 inch
Depth	68 mm	Depth (inches)	2.677 inch
Depth including DIN rail	69 mm	Net weight	17.751 g

Temperatures

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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Material data

Material	Wemid	Colour	Black
UL 94 flammability rating	V-0		

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	2
Number of potentials per tier	1	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Installation advice	Mounting rail	Open sides	right
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.	4 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	4 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A4	Number of connections	2
Stripping length	12 mm	Twin wire-end ferrules, max.	1.5 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	PUSH IN
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, 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, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

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Technical data**Fuse terminals**

Cartridge fuse	G-Si. 5 x 20	Display	red LED
Leakage current, max.	0.5 mA	Operating voltage, max.	36 V
Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 34°C	Power loss for overload and short-circuit protection for an individual arrangement	1,6 W bei 6,3 A @ 31 °C
Power loss for short-circuit protection only for a composite arrangement	2,5 W bei 6,3 A @ 32 °C	Power loss for short-circuit protection only for an individual arrangement	4,0 W bei 6,3 A @ 41 °C

Rating data

Rated cross-section	4 mm ²	Rated voltage	36 V
Rated voltage to adjoining terminal	500 V	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	DIN EN 60947-7-3
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	Current size B (cURus)	10 A
Current size C (cURus)	10 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	EC000899	eClass 6.2	27-14-11-26
eClass 9.1	27-14-11-16		

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_AFS_4_2C.pdf IECEX_TUR_17.0030U.pdf TUV_17_ATEX_8064_U.pdf Declaration of Conformity
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	NTI_AFS_4_2C_BK.pdf

Data sheet

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Drawings

