

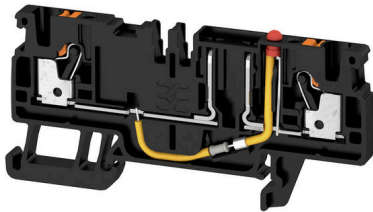
AFS 2.5 CF 2C 12V BK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

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, 2.5 mm ² , 12 V, 10 A, black
Order No.	2466610000
Type	AFS 2.5 CF 2C 12V BK
GTIN (EAN)	4050118480733
Qty.	50 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	37.65 mm	Depth (inches)	1.4823 inch
Depth including DIN rail	38.4 mm	Height	77.5 mm
Height (inches)	3.0512 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	9.52 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7cl
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	black
UL 94 flammability rating	V-0		

System specifications

Version	with LED	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

With snap-in pegs	No	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Type of mounting	TS 35		

CSA rating data

Wire cross section max. (CSA)	12 AWG	Voltage size C (CSA)	300 V
Current size C (CSA)	16 A	Certificate No. (CSA)	200039-70089609
Voltage size B (CSA)	300 V	Current size B (CSA)	16 A
Wire cross section min. (CSA)	28 AWG		

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Technical data

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3		
Wire connection cross section AWG, max.	AWG 12		
Connection direction	top		
Stripping length	10 mm		
Type of connection 2	PUSH IN		
Type of connection	PUSH IN		
Number of connections	2		
Clamping range, max.	4 mm ²		
Clamping range, min.	0.14 mm ²		
Blade size	0.6 x 3.5 mm		
Wire connection cross section AWG, min.	AWG 28		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.14 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.14 mm ²		
Wire connection cross section, finely stranded, max.	2.5 mm ²		
Wire connection cross section, finely stranded, min.	0.14 mm ²		
Connection cross-section, stranded, max.	2.5 mm ²		
Connection cross-section, stranded, min.	0.14 mm ²		
Twin wire-end ferrules, max.	0.75 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	2.5 mm ²		
Wire connection cross-section, solid core, min.	0.14 mm ²		
Connection cross-section, finely stranded, min.	0.14 mm ²		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	8 mm
		max.	6 mm
	Cross-section for conductor connection	min.	0.34 mm ²
		max.	0.14 mm ²
	Tube length	min.	12 mm
		max.	6 mm
Cross-section for conductor connection	min.	1 mm ²	
	max.	0.5 mm ²	
Tube length for twin wire-end ferrule	Tube length	min.	12 mm
		max.	8 mm
	Cross-section for conductor connection	min.	2.5 mm ²
		max.	1.5 mm ²
	Tube length	min.	8 mm
		max.	12 mm

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Technical data

Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm ²
		max.	0.75 mm ²
	Tube length	nominal	5 mm
	Cross-section for conductor connection	nominal	0.25 mm ²
	Tube length	min.	6 mm
		max.	10 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	min.	7 mm
		max.	12 mm
	Cross-section for conductor connection	min.	1.5 mm ²
		max.	4 mm ²

Fuse terminals

Cartridge fuse	mini fuse	Fuse holder (cartridge holder)	Pivoting
Type of voltage for indicator	AC/DC	Display	Red LED
Leakage current, max.	0.5 mA		

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 28
Standards	In accordance with IEC 60947-7-3	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	12 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	12 V
Nominal current	10 A	Current at maximum wires	10 A
Standards	In accordance with IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Power loss in accordance with IEC 60947-7-x	0.77 W	Surge voltage category	III
Pollution severity	3		

UL rating data

Conductor size Factory wiring max. (cURus)	12 AWG	Voltage size B (cURus)	300 V
Voltage size D (cURus)	300 V	Certificate No. (cURus)	E60693
Conductor size Field wiring min. (cURus)	28 AWG	Conductor size Factory wiring min. (cURus)	28 AWG
Current size B (cURus)	16 A	Voltage size C (cURus)	300 V
Current size C (cURus)	16 A	Current size D (cURus)	10 A
Conductor size Field wiring max. (cURus)	12 AWG		

Important note

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

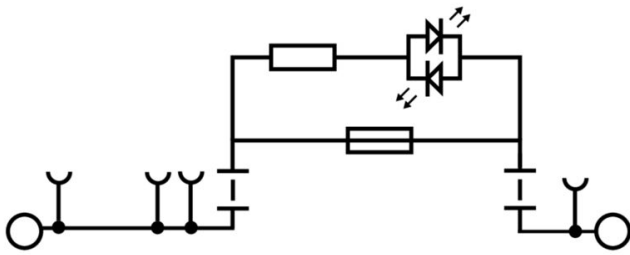
ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

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Drawings

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DIN 72581-3:2001-03



b1	b2	h1	h2	l1	l2	l3
mm	± 0.4	mm	± 0.2	mm	± 0.2	± 0.2
4	0.82	9	7.5	12	10.9	2.8