

AFS 4 2C BK/BL**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

General ordering data

Version	Fuse terminal, PUSH IN, 4 mm ² , 400 V, 6.3 A, black
Order No.	2548140000
Type	AFS 4 2C BK/BL
GTIN (EAN)	4050118557367
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Depth	68 mm	Depth (inches)	2.677 inch
Depth including DIN rail	69 mm	Height	74 mm
Height (inches)	2.913 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	17.5 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

Material data

Material	Wemid	Colour	black
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	1
Number of levels	1	Number of potentials per tier	1
Levels cross-connected internally	Yes	Rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

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

CSA rating data

Certificate No. (CSA)	200039-70089609	Current size B (CSA)	10 A
Current size C (CSA)	10 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

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
Clamping range, max.	6 mm ²
Clamping range, min.	0.14 mm ²
Connection cross-section, stranded, max.	6 mm ²

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Technical data

Connection cross-section, stranded, min. 0.5 mm²				
Connection direction		top		
Gauge to IEC 60947-1		A4		
Number of connections		2		
Stripping length		12 mm		
Tube length for twin wire-end ferrule	Tube length	min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	min.	0.5 mm²	
		max.	1.5 mm²	
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm	
		max.	12 mm	
	Cross-section for conductor connection	min.	0.5 mm²	
		max.	1 mm²	
	Tube length	min.	8 mm	
		max.	12 mm	
	Cross-section for conductor connection	min.	1.5 mm²	
		max.	2.5 mm²	
	Tube length	min.	10 mm	
		max.	12 mm	
	Cross-section for conductor connection	nominal	4 mm²	
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm²	
		max.	1 mm²	
	Tube length	min.	6 mm	
		max.	10 mm	
	Cross-section for conductor connection	min.	1.5 mm²	
		max.	2.5 mm²	
	Tube length	min.	7 mm	
		max.	12 mm	
	Cross-section for conductor connection	min.	4 mm²	
		max.	6 mm²	
	Tube length	min.	9 mm	
		max.	15 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 12			
Wire connection cross section AWG, min.	AWG 26			
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			

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Technical data

Wire connection cross-section, solid core, min. 0.5 mm²

Fuse terminals

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

General

Installation advice	Rail	Rail	TS 35
Standards	DIN EN 60947-7-3	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

Rating data

Rated cross-section	4 mm ²	Rated voltage	400 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	400 V
Rated current	6.3 A	Current at maximum wires	6.3 A
Standards	DIN EN 60947-7-3	Volume resistance according to IEC 60947-7-x	1 mΩ
Rated impulse withstand voltage	4 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
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	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	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
ECLASS 15.0	27-25-01-13		

Environmental Product Compliance

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

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Catalogue status 10.05.2025 / We reserve the right to make technical changes.

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Technical data

Important note

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

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319215/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319217/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319226/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319231/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319234/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319240/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319246/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319213/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
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ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693
Certificate No. (cURusEX)	E184763

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX TUR 17.0030U.pdf ATEX Certificate DE PT0102 2017 1010 039 ISSUE01.pdf DNVGL certificate CCC Ex Certificate CB Testreport CB Certificate 20-AV4BO-0273U DNV Certificate UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Tender specification	Klippon® Connect 2548140000 DE Klippon® Connect 2548140000 EN
User Documentation	StorageConditionsTerminalBlocks User Manual AFS
Catalogues	Catalogues in PDF-format

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Drawings

