

AIO23 1.5 2SI OR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****Signal wiring**

Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.

General ordering data

Version	PUSH IN, 1.5 mm², 250 V, 13.5 A, orange
Order No.	2579620000
Type	AIO23 1.5 2SI OR
GTIN (EAN)	4050118588347
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Depth	49.5 mm	Depth (inches)	1.949 inch
Depth including DIN rail	50.5 mm	Height	110 mm
Height (inches)	4.331 inch	Net weight	5.582 g
Width	3.5 mm	Width (inches)	0.138 inch

Temperatures

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

Material data

Material	Wemid	Colour	orange
UL 94 flammability rating	V-0		

Rating data IECEx/ATEX

Certificate No. (ATEX)	TUEV17ATEX8031U	Certificate No. (IECEX)	IECEXTUR17.0016U
Max. voltage (ATEX)	220 V	Current (ATEX)	12 A
Wire cross section max. (ATEX)	1.5 mm ²	Max. voltage (IECEX)	220 V
Current (IECEX)	12 A	Wire cross section max. (IECEX)	1.5 mm ²

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm		
Clamping range, max.	1.5 mm ²		
Clamping range, min.	0.14 mm ²		
Connection cross-section, stranded, max.	1.5 mm ²		
Connection cross-section, stranded, min.	0.5 mm ²		
Connection direction	top		
Gauge to IEC 60947-1	A1		
Number of connections	6		
Stripping length	8 mm		
Tube length for AEH with plastic collar DIN 46228/4	Tube length	max.	8 mm
		min.	6 mm
	Cross-section for conductor connection	min.	0.14 mm ²
		max.	0.75 mm ²
Tube length for AEH without plastic collar DIN 46228/1	Tube length	min.	5 mm
	Cross-section for conductor connection	nominal	0.25 mm ²
	Tube length	nominal	6 mm
	Cross-section for conductor connection	min.	0.5 mm ²
		max.	1 mm ²
	Tube length	nominal	10 mm
	Cross-section for conductor connection	nominal	1.5 mm ²
Type of connection	PUSH IN		
Wire connection cross section AWG, max.	AWG 14		
Wire connection cross section AWG, min.	AWG 26		
Wire connection cross section, finely stranded, max.	1.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm ²		

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Technical data

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. 1 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. 1.5 mm²

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

General

Wire connection cross section AWG, max.

AWG 14

Wire connection cross section AWG, min.

AWG 26

Rating data

Rated cross-section 1.5 mm²

Rated current 13.5 A

Volume resistance according to IEC 60947-7-x 1.83 mΩ

Rated voltage 250 V

Current at maximum wires 13.5 A

Power loss in accordance with IEC 60947-7-x 0.56 W

Classifications

ETIM 6.0 EC000900

ECLASS 9.0 27-14-11-28

ECLASS 10.0 27-14-11-28

ETIM 7.0 EC000900

ECLASS 9.1 27-14-11-28

ECLASS 11.0 27-14-11-28

Approvals

Approvals

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Approval/Certificate/Document of Conformity

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[ATEX Certificate](#)
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[CCC Ex Certificate](#)
[Declaration of conformity](#)

Engineering Data

[STEP](#)

Engineering Data

[EPLAN](#)

User Documentation

[NTI_AIO23 1.5 2SI](#)
[StorageConditionsTerminalBlocks](#)

Brochure/Catalogue

[Catalogues in PDF-format](#)

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Drawings

