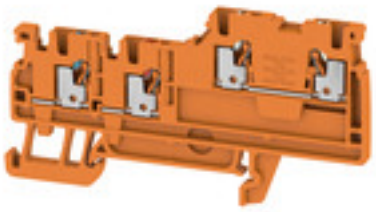
A-series
AIO21 1.5 SI OR

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
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

Type	AIO21 1.5 SI OR
Order No.	2579610000
Version	PUSH IN, 1.5 mm², 250 V, 13.5 A, orange
GTIN (EAN)	4050118588330
Qty.	100 pc(s).

Weidmüller

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Technical data

Dimensions and weights

Width	3.5 mm	Width (inches)	0.138 inch
Height	80 mm	Height (inches)	3.15 inch
Depth	42 mm	Depth (inches)	1.654 inch
Depth including DIN rail	43 mm	Net weight	6.54 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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 mm²	Max. voltage (IECEX)	220 V
Current (IECEX)	12 A	Wire cross section max. (IECEX)	1.5 mm²

Conductors for clamping (rated connection)

Blade size	0.4 x 2.0 mm	Clamping range, max.	1.5 mm²
Clamping range, min.	0.14 mm²	Connection cross-section, stranded, max.	1.5 mm²
Connection cross-section, stranded, min.	0.5 mm²	Connection direction	top
Gauge to IEC 60947-1	A1	Number of connections	4
Stripping length	8 mm	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 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 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.	1 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm²	Wire connection cross-section, finely stranded, min.	0.5 mm²
Wire connection cross-section, solid core, max.	1.5 mm²	Wire connection cross-section, solid core, min.	0.5 mm²

Rating data

Rated cross-section	1.5 mm²	Rated voltage	250 V
Rated current	13.5 A	Current at maximum wires	13.5 A
Volume resistance according to IEC 60947-7-x	1.83 mΩ	Power loss in accordance with IEC 60947-7-x	1.68 W

Classifications

ETIM 6.0	EC000900	eClass 6.2	27-14-11-28
eClass 9.0	27-14-11-28	eClass 9.1	27-14-11-28

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Technical data

Approvals

Approvals

IEC EX ATEX

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEx Certificate ATEX Certificate Declaration of conformity
Engineering Data	STEP
User Documentation	NTI_AIO21 1.5 SI.pdf

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Drawings

