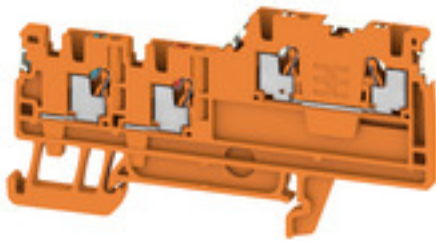


AIO21 1.5 SI DL OR**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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	Initiator/actuator terminal, PUSH IN, 1.5 mm ² , 250 V, 13.5 A, orange
Order No.	2675630000
Type	AIO21 1.5 SI DL OR
GTIN (EAN)	4050118733952
Qty.	100 pc(s).

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Technical data

Dimensions and weights

Depth	42 mm	Depth (inches)	1.654 inch
Depth including DIN rail	43 mm	Height	80 mm
Height (inches)	3.15 inch	Width	3.5 mm
Width (inches)	0.138 inch	Net weight	6.94 g

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

System specifications

End cover plate required	Yes	Number of potentials	3
Number of levels	2	Levels cross-connected internally	No
PE connection	No	Rail	TS 35

Additional technical data

Explosion-tested version	Yes	Open sides	right
Type of mounting	TS 35		

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	4		
Stripping length	8 mm		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Tube length	min.	6 mm
		max.	8 mm
	Cross-section for conductor connection	min.	0.14 mm ²
		max.	0.75 mm ²

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Technical data

Tube length for wire-end ferrule 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, min.	0.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 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.	1.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	1.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		

General

Rail	TS 35	Standards	In accordance with IEC 60947-7-1
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26

Rating data

Rated cross-section	1.5 mm ²	Rated voltage	250 V
Rated DC voltage	250 V	Rated current	13.5 A
Current at maximum wires	13.5 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.83 mΩ	Rated impulse withstand voltage	4 kV
Power loss in accordance with IEC 60947-7-x	0.56 W	Pollution severity	3
Surge voltage category	III		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	14 AWG
Conductor size Factory wiring min. (cURus)	26 AWG	Conductor size Field wiring max. (cURus)	14 AWG
Conductor size Field wiring min. (cURus)	26 AWG	Current size D (cURus)	13 A
Voltage size D (cURus)	150 V		

Creation date July 23, 2024 10:38:03 AM CEST

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Technical data

Classifications

ETIM 6.0	EC000900	ETIM 7.0	EC000900
ETIM 8.0	EC000900	ETIM 9.0	EC000900
ECLASS 9.0	27-14-11-28	ECLASS 9.1	27-14-11-28
ECLASS 10.0	27-14-11-28	ECLASS 11.0	27-14-11-28
ECLASS 12.0	27-14-11-28	ECLASS 13.0	27-25-01-12
ECLASS 14.0	27-25-01-12		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Drawings

