

**A-series  
AIO22 1.5 SI-PE**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 1429-0  
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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**

Type	AIO22 1.5 SI-PE
Order No.	<a href="#">1992230000</a>
Version	Initiator/actuator terminal, PUSH IN, 1.5 mm <sup>2</sup> , 250 V, 13.5 A, Dark Beige
GTIN (EAN)	4050118377439
Qty.	100 pc(s).

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**Technical data**
**Dimensions and weights**

Width	3.5 mm	Width (inches)	0.138 inch
Height	89 mm	Height (inches)	3.504 inch
Depth	45 mm	Depth (inches)	1.772 inch
Depth including DIN rail	53.5 mm	Net weight	11.267 g

**Temperatures**

Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C
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**Material data**

Material	Wemid	Colour	Dark Beige
Colour of operational elements	Blue, Red, green / yellow, White	UL 94 flammability rating	V-0

**System specifications**

End cover plate required	Yes	Number of potentials	4
Number of levels	2	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
N-function	Yes	PE function	Yes
PEN function	No		

**Additional technical data**

Installation advice	Mounting rail	Open sides	right
Type of fixing	Snap-on	Type of mounting	TS 35

**Conductors for clamping (rated connection)**

Blade size	0.4 x 2.0 mm	Clamping range, rated connection, max.	1.5 mm <sup>2</sup>
Clamping range, rated connection, min.	0.14 mm <sup>2</sup>	Connection direction	top
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm <sup>2</sup>	Gauge to IEC 60947-1	A1
Number of connections	5	Stripping length	8 mm
Type of connection	PUSH IN	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section AWG, min.	AWG 14	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	1.5 mm <sup>2</sup>	Wire connection cross section, solid core, min. rated connection	0.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	1.5 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>

**PE rating data**

PEN function	No
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**Technical data****Rating data**

Rated cross-section	1.5 mm <sup>2</sup>	Rated 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	3.66 mΩ
Rated impulse withstand voltage	4 kV	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		

**Classifications**

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

**Product information**

Product information	For the wire end ferrules H1/10 and H1.5/10 a stripping length of 10 mm is to apply.
Descriptive text technical data	Approval in progress
Descriptive text accessories	All MultiMark variants (MM) = strip markers

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT0204_20160620_037_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>

**Safety note**Safety notice [Safety Information](#)

**Data sheet**

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**Drawings**

