

ZIA 1.5/4L-PE**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	Initiator/actuator terminal, PE terminal, Tension-clamp connection, 1.5 mm ² , Flange-mounted housing
Order No.	1652030000
Type	ZIA 1.5/4L-PE
GTIN (EAN)	4008190401689
Qty.	20 pc(s).

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Technical data**Dimensions and weights**

Depth	45.5 mm	Depth (inches)	1.791 inch
Depth including DIN rail	46 mm	Height	81.5 mm
Height (inches)	3.209 inch	Net weight	9.16 g
Width	5.08 mm	Width (inches)	0.2 inch

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50
Continuous operating temp., max.	120		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Flange-mounted housing	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	Yes
Rail	TS 35	N-function	No
PE function	Yes	PEN function	No

Additional technical data

Explosion-tested version	No	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1068678	Wire cross section max. (CSA)	14 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm ²
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Technical data

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, max.	2.5 mm ²
Clamping range, min.	0.13 mm ²	Connection direction	top
Gauge to IEC 60947-1	A1	Number of connections	2
Stripping length	7 mm	Twin wire-end ferrules, max.	0.75 mm ²
Twin wire-end ferrules, min.	0.5 mm ²	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 14	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	2.5 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.	2.5 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Dimensions

TS 35 offset	40.5 mm
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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

Power loss in accordance with IEC 60947-7-x	0.56 W	Rated cross-section	1.5 mm ²
Rated voltage	250 V	Rated current	17.5 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	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	14 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	14 AWG
Conductor size Field wiring min. (UR)	26 AWG	Current size D (UR)	10 A
UL_current_Print	10 A	UL_voltage_Print	300 V
UL_wire_max_Print	14 AWG	UL_wire_min_Print	26 AWG
Voltage size D (UR)	300 V		

Classifications

ETIM 6.0	EC000900	ETIM 7.0	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

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Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	22245_ZIA_1.4-4L-PE_DXF.dxf STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_ZIA.pdf StorageConditionsTerminalBlocks