

**Z-series
ZIA 1.5/3L-1S/LD-RT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

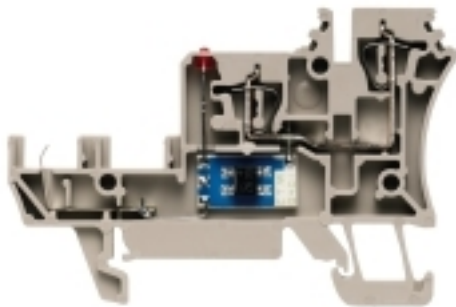
D-32758 Detmold

Germany

Fon: +49 5231 14-0

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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	ZIA 1.5/3L-1S/LD-RT
Order No.	1651990000
Version	Initiator/actuator terminal, Tension-clamp connection, 1.5 mm ² , Flange-mounted housing, Tension-clamp connection, with LED, pluggable, Red LED
GTIN (EAN)	4008190401641
Qty.	50 pc(s).

Creation date May 7, 2020 8:47:07 PM CEST

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Technical data**Dimensions and weights**

Width	5.08 mm	Width (inches)	0.2 inch
Height	68.5 mm	Height (inches)	2.697 inch
Depth	45.5 mm	Depth (inches)	1.791 inch
Depth including DIN rail	46 mm	Net weight	6.27 g

Temperatures

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

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

System specifications

Version	Flange-mounted housing, Tension-clamp connection, with LED, pluggable	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Rail	TS 35	N-function	No
PE function	No	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	Current size B (CSA)	10 A
Current size D (CSA)	10 A	Voltage size B (CSA)	300 V
Voltage size D (CSA)	300 V	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, finely stranded, 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	32.5 mm
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Display element

Indicator element	Red LED	Operating voltage for display, max.	30 V
Operating voltage for display, min.	5 V	Type of voltage for indicator	AC/DC

PE rating data

PEN function	No
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Rating data

Rated cross-section	1.5 mm ²	Rated voltage	30
Rated current	17.5 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.83 mΩ	Power loss in accordance with IEC 60947-7-x	0.56 W
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		

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	UNSPSC	30-21-18-11

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate DE_PT1104_20160418_1352_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP
User Documentation	Beipackzettel_ZIA.pdf StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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Drawings

Wiring diagram

