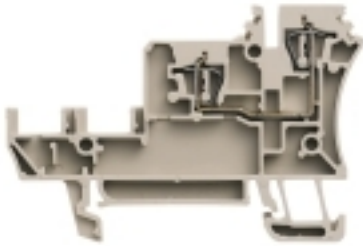


**Z-series
ZIA 1.5/3L-1S**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 1429-0
Fax: +49 5231 14292083
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	ZIA 1.5/3L-1S
Order No.	1651980000
Version	Initiator/actuator terminal, Tension clamp connection, 1.5 mm ² , Base element
GTIN (EAN)	4008190401634
Qty.	100 pc(s).

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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	5.61 g

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

System specifications

Version	Base element	End cover plate required	Yes
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Mounting 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, rated connection, max.	2.5 mm ²
Clamping range, rated connection, min.	0.13 mm ²	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 ²	Gauge to IEC 60947-1	
Number of connections	2		A1
Twin wire-end ferrules, max.	0.75 mm ²	Stripping length	7 mm
Type of connection	Tension clamp connection	Twin wire-end ferrules, min.	0.5 mm ²
Wire connection cross section AWG, min.	AWG 26	Wire connection cross section AWG, max.	AWG 14
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	1.5 mm ²
Wire connection cross section, solid core max. rated connection	2.5 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	1.5 mm ²	Wire connection cross section, solid core, min. rated connection	0.5 mm ²
		Wire connection cross-section, finely stranded, min.	0.5 mm ²

Dimensions

TS 35 offset	32.5 mm
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PE rating data

PEN function	No
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Rating data

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
Voltage size D (UR)	300 V		

Classifications

ETIM 3.0	EC000900	ETIM 4.0	EC000900
ETIM 5.0	EC000900	ETIM 6.0	EC000900
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-28
eClass 6.2	27-14-11-28	eClass 7.1	27-14-11-28
eClass 8.1	27-14-11-28	eClass 9.0	27-14-11-28
eClass 9.1	27-14-11-28		

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Technical data

Product information

Descriptive text ordering data	ZVL 1.5 O.QV = distribution strip without internal bridge for park position.
Descriptive text technical data	Bi-directional LED in ZIA 1.5/3L-1/LD (1651990000)

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	DE_PT1104_20160418_1348_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	1651980000_32951_ZIA_1.5-3L-1S_STP.stp 32951_ZIA_1.5-3L-1S_DXF.dxf
User Documentation	Beipackzettel_ZIA.pdf

Safety note

Safety notice	Safety Information
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