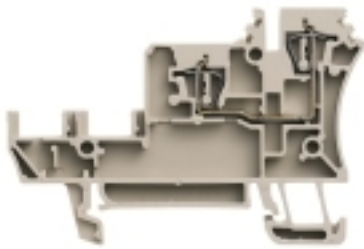


**Z-series  
ZIA 1.5/3L-1S**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
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.	<a href="#">1651980000</a>
Version	Initiator/actuator terminal, Tension clamp connection, 1.5 mm <sup>2</sup> , 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 <sup>2</sup>
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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 <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	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 <sup>2</sup>
Twin wire-end ferrules, min.	0.5 mm <sup>2</sup>	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 <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, finely stranded, min.	0.5 mm <sup>2</sup>
Wire connection cross-section, solid core, max.	2.5 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**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 <sup>2</sup>	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		

**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)

Creation date 23 February 2018 11:35:58 CET

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

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**Technical data****Approvals**

Approvals



ROHS

Conform

**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](#)