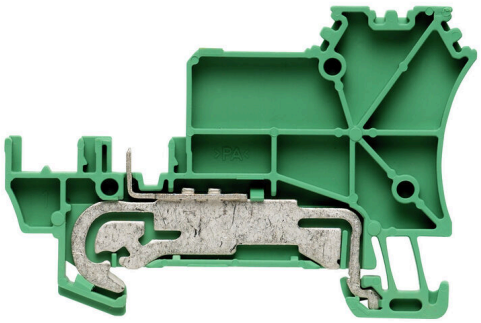
Data sheet

ZIA 1.5/3L-PE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image



The modular ZIA distribution system for simple signal wiring is based on stackable individual modules with proven tension spring connection technology. Thanks to the integrated cross-connection and the combination of socket and pin contacts, variable distribution strips can be flexibly assembled. The base elements are simply snapped onto TS35 DIN rails and are available in various designs for 3- and 4-wire connections. This allows the system to be configured individually and tailored to the specific application.

General ordering data

Version	Initiator/actuator terminal, PE terminal, Tension-clamp connection, 1.5 mm², Flange-mounted housing
Order No.	1652000000
Type	ZIA 1.5/3L-PE
GTIN (EAN)	4008190401658
Qty.	20 items

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Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

Dimensions and weights

Depth	45.5 mm	Depth (inches)	1.7913 inch
Depth including DIN rail	46 mm	Height	68.5 mm
Height (inches)	2.6968 inch	Width	5.08 mm
Width (inches)	0.2 inch	Net weight	8.21 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	green
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	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
N-function	No	PE function	Yes
PEN function	No		

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	14 AWG	Certificate No. (CSA)	200039-1068678
Voltage size B (CSA)	300 V	Current size B (CSA)	10 A
Voltage size D (CSA)	300 V	Current size D (CSA)	10 A
Wire cross section min. (CSA)	26 AWG		

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Technical data

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	1.5 mm²

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A1	Wire connection cross section AWG, max.	AWG 14
Connection direction	top	Stripping length	7 mm
Type of connection 2	Tension-clamp connection	Type of connection	Tension-clamp connection
Number of connections	2	Clamping range, max.	2.5 mm²
Clamping range, min.	0.13 mm²	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 26	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.13 mm²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	1.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.13 mm²	Wire connection cross section, finely stranded, max.	2.5 mm²
Wire connection cross section, finely stranded, min.	0.13 mm²	Connection cross-section, stranded, max.	1.5 mm²
Connection cross-section, stranded, min.	0.13 mm²	Twin wire-end ferrules, max.	0.75 mm²
Twin wire-end ferrules, min.	0.5 mm²	Wire connection cross-section, solid core, max.	2.5 mm²
Wire connection cross-section, solid core, min.	0.13 mm²	Connection cross-section, finely stranded, min.	0.13 mm²

Dimensions

TS 35 offset	32.5 mm

General

Wire connection cross section AWG, max.	AWG 14	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 26	Standards	In accordance with IEC 60947-7-1, IEC 60947-7-2
Mounting rail	TS 35		

Rating data

Rated cross-section	1.5 mm²	Rated voltage	250 V
Rated DC voltage	250 V	Nominal current	17.5 A
Current at maximum wires	17.5 A	Standards	In accordance with IEC 60947-7-1, IEC 60947-7-2
Volume resistance according to IEC 60947-7-x	1.83 mΩ	Rated impulse withstand voltage	4 kV
Power loss in accordance with IEC 60947-7-x	0.56 W	Pollution severity	3

UL rating data

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

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Technical data

Classifications

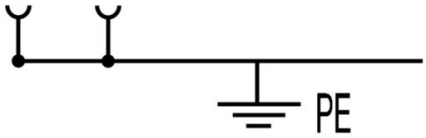
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ECLASS 15.0	27-25-01-12		

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Drawings



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