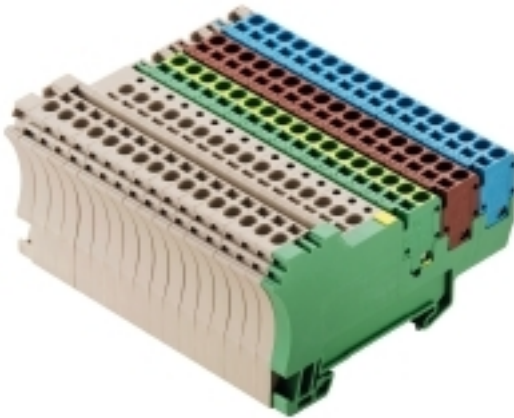


ZIA 1.5/4L-PE/16/KB**Weidmüller Interface GmbH & Co. KG**

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, Tension-clamp connection, 1.5 mm ² , Number of poles: 16
Order No.	1692680000
Type	ZIA 1.5/4L-PE/16/KB
GTIN (EAN)	4008 190870393
Qty.	2 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	190.5 g
Width	50.8 mm	Width (inches)	2 inch

Temperatures

Storage temperature	-25 °C...55 °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

Number of levels	2	Number of clamping points per level	1
Number of potentials per tier	4	Levels cross-connected internally	No
PE connection	Yes	Rail	TS 35

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	Connection direction	top
Gauge to IEC 60947-1	A1	Number of connections	83
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

Number of poles	16	Rail	TS 35
Standards	In accordance with IEC 60947-7-1, IEC 60947-7-2	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, IEC 60947-7-2	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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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	Beipackzettel_ZIA.pdf StorageConditionsTerminalBlocks