

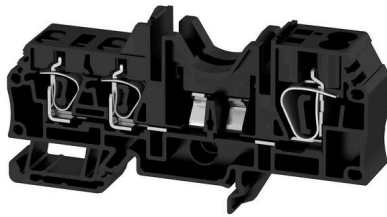
ZSI 2X6/4X2.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Fuse terminal blocks and component terminal blocks allow protective and functional elements to be integrated directly into the terminal strip. Fuse terminal blocks include built-in fuse holders to reliably protect electrical circuits against overload –ideal for control and distribution systems. Component terminal blocks make it possible to incorporate electronic components such as diodes, resistors, or LEDs directly into the wiring. This enables space-saving and clearly arranged implementation of switching functions and signal separation. Both types of terminal blocks ensure higher safety, easy maintenance, and a compact, function-oriented installation.

General ordering data

Version	Z-series, Fuse terminal, Rated cross-section: 6 mm ² , Tension-clamp connection
Order No.	1265990000
Type	ZSI 2X6/4X2.5
GTIN (EAN)	4050118127874
Qty.	10 items

ZSI 2X6/4X2.5

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E60693

Dimensions and weights

Depth	47 mm	Depth (inches)	1.8504 inch
Depth including DIN rail	47.5 mm	Height	93 mm
Height (inches)	3.6614 inch	Width	16 mm
Width (inches)	0.6299 inch	Net weight	35.1 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	black
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, Without LED, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	3	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

Type of mounting	Snap-on
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CSA rating data

Wire cross section max. (CSA)	8 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	23 A	Certificate No. (CSA)	200039-1152829
Voltage size B (CSA)	600 V	Current size B (CSA)	23 A
Wire cross section min. (CSA)	20 AWG		

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Conductors for clamping (additional connection)

Connection direction additional connection	top	Clamping range, further connection, max.	4 mm ²
Clamping range, further connection, min.	0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 mm ²
Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	0.5 mm ²	Conductor cross-section, flexible, further connection, min.	0.5 mm ²
Number of connections, additional connection	4	Rated cross-section, further connection	2.5 mm ²
Blade size, additional connection	0.6 x 3.5 mm	Cross-section for connected wire, AWG, additional connection, min.	AWG 26
Cross-section for connected wire, solid-core, further connection, min.	0.5 mm ²	Cross-section for connected wire, solid-core, further connection, max.	4 mm ²
Connection type, additional connection	Tension-clamp connection	Cross-section for connected wire, flexible, further connection, max.	4 mm ²
Cross-section for connected wire, AWG, additional connection, max.	AWG 12	Stripping length, additional connection	10 mm

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A5	Wire connection cross section AWG, max.	AWG 8
Connection direction	top	Stripping length	10 mm
Type of connection 2	Tension-clamp connection	Type of connection	Tension-clamp connection
Number of connections	2	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Blade size	0.8 x 4.0 mm
Wire connection cross section AWG, min.	AWG 22	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 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 with wire-end ferrules DIN 46228/1, max.	6 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, max.	6 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Wire connection cross-section, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²	Connection cross-section, finely stranded, min.	0.5 mm ²

Fuse terminals

Cartridge fuse	mini fuse	Fuse holder (cartridge holder)	Pivoting
Type of voltage for indicator	AC/DC	Operating voltage, max.	250 V

General

Wire connection cross section AWG, max.	AWG 8	Wire connection cross section AWG, min.	AWG 22
Standards	IEC 60947-7-3	Mounting rail	TS 35

Rating data

Rated cross-section	6 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V

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Technical data

Nominal current	57 A	Current at maximum wires	57 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	0.78 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3		

UL rating data

Voltage size B (cURus)	600 V	Voltage size D (cURus)	600 V
Wire cross section max. (cURus)	8 AWG	Certificate No. (cURus)	E60693
Wire cross section min. (cURus)	20 AWG	Current size B (cURus)	20 A
Voltage size C (cURus)	600 V	Current size C (cURus)	20 A
Current size D (cURus)	5 A		

Important note

Product information The voltage depends on the selected fuse element or the selected indicator light

Classifications

ETIM 8.0	EC000899	ETIM 9.0	EC000899
ETIM 10.0	EC000899	ECLASS 14.0	27-25-01-13
ECLASS 15.0	27-25-01-13		

Drawings

