

**ZSI 2.5/LD 120AC OR****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

**General ordering data**

Version	Z-series, Fuse terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension-clamp connection, Direct mounting
Order No.	<a href="#">1315890000</a>
Type	ZSI 2.5/LD 120AC OR
GTIN (EAN)	4050118118698
Qty.	50 pc(s).

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Depth	73 mm	Depth (inches)	2.874 inch
Depth including DIN rail	74 mm	Height	79.5 mm
Height (inches)	3.13 inch	Net weight	21.72 g
Width	7.9 mm	Width (inches)	0.311 inch

**Temperatures**

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

**Material data**

Material	Wemid	Colour	orange
UL 94 flammability rating	V-0		

**System specifications**

Version	Tension-clamp connection, Fuse cartridge, with 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	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	2.5 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.	4 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Connection direction	Inclined / angled
Gauge to IEC 60947-1	A3	Number of connections	2
Stripping length	10 mm	Type of connection	Tension-clamp connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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.	2.5 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, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

## Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 41°C
Power loss for overload and short-circuit protection for an individual arrangement	2.5 W at 2.5 A @ 27°C	Power loss for short-circuit protection only for a composite arrangement	2.5 W at 6.3 A @ 55°C
Power loss for short-circuit protection only for an individual arrangement	4.0 W at 6.3 A @ 52°C		

## General

Installation advice	Direct mounting	Rail	TS 35
Standards	IEC 60947-7-3	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

## Rating data

Power loss in accordance with IEC 60947-7-x	0.77 W	Rated cross-section	2.5 mm <sup>2</sup>
Rated voltage	120 V	Rated voltage to adjoining terminal	500 V
Rated current	6.3 A	Current at maximum wires	6.3 A
Standards	IEC 60947-7-3	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

## UL rating data

UL_wire_max_Print	12 AWG	UL_wire_min_Print	26 AWG
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## Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ECLASS 9.0	27-14-11-16	ECLASS 9.1	27-14-11-16
ECLASS 10.0	27-14-11-16	ECLASS 11.0	27-14-11-16

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**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a> <a href="#">EAC certificate</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN_WSCAD</a>
User Documentation	<a href="#">Beipackzettel_SAKS_GL_LD.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a>