

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

In some applications it is useful to protect the feed through connection with a separate fuse. Fuse terminal blocks are made up of one terminal block bottom section with a fuse insertion carrier. The fuses vary from pivoting fuse levers and pluggable fuse holders to screwable closures and flat plug-in fuses.

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 pc(s).

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Technical data**Dimensions and weights**

Depth	47 mm	Depth (inches)	1.85 inch
Depth including DIN rail	47.5 mm	Height	93 mm
Height (inches)	3.661 inch	Width	16 mm
Width (inches)	0.63 inch	Net weight	35.1 g

Temperatures

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

Material data

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	
Number of potentials	1	Number of levels	Yes
Number of clamping points per level	3	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

Type of mounting	Snap-on
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CSA rating data

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

Conductors for clamping (additional connection)

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

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Technical data

Conductors for clamping (rated connection)

Blade size	0.8 x 4.0 mm	Clamping range, max.	10 mm ²
Clamping range, min.	0.5 mm ²	Connection cross-section, stranded, max.	6 mm ²
Connection cross-section, stranded, min.	0.5 mm ²	Connection direction	top
Gauge to IEC 60947-1	A5	Number of connections	2
Stripping length	10 mm	Type of connection	Tension-clamp connection
Type of connection 2	Tension-clamp connection	Wire connection cross section, finely stranded, max.	6 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	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, solid core, max.	10 mm ²
Wire connection cross-section, solid core, min.	0.5 mm ²		

Fuse terminals

Operating voltage, max.	250 V
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General

Rail	TS 35
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Rating data

Rated cross-section	6 mm ²	Rated voltage	500 V
Rated voltage to adjoining terminal	500 V	Rated DC voltage	500 V
Rated current	57 A	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

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

Classifications

ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ETIM 9.0	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
ECLASS 12.0	27-14-11-16	ECLASS 13.0	27-25-01-13

Environmental Product Compliance

REACH SVHC	/
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Technical data

Important note

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

Approvals



ROHS	Conform
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UL File Number Search	UL Website
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Certificate No. (cURus)	E60693
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Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
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Engineering Data	CAD data – STEP
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User Documentation	StorageConditionsTerminalBlocks
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Catalogues	Catalogues in PDF-format
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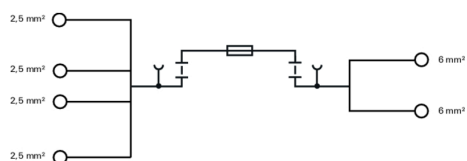
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Drawings



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Accessories

6 mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 6/2 GE	Version
Order No.	1627850000	Accessories, Cross-connector, 41 A
GTIN (EAN)	4008190200428	
Qty.	60 pc(s).	

Plus



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/5 PLUS MC NE WS	Version
Order No.	1854490000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248393596	Weidmueller, white
Qty.	1,000 pc(s).	

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Accessories

2.5 mm²2.5
mm²

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	ZAP ZSI2X6/4X2.5	Version
Order No.	1059310000	Z-series, End plate
GTIN (EAN)	4032248806355	
Qty.	50 pc(s).	

Circuit breakers

ETA

Weidmueller offer circuit breakers for the integration of our fuse terminals for automotive fuses with a range from 100 mA to 25 A.

General ordering data

Type	ETA 1180 01 0.7A	Version
Order No.	1278930000	Miniature fuse, 0.7 A
GTIN (EAN)	4050118091519	
Qty.	5 pc(s).	
Type	ETA 1180 01 2A	Version
Order No.	1278970000	Miniature fuse, 2 A
GTIN (EAN)	4050118091489	
Qty.	5 pc(s).	
Type	ETA 1180 01 3A	Version
Order No.	1278990000	Miniature fuse, 3 A
GTIN (EAN)	4050118091298	
Qty.	5 pc(s).	
Type	ETA 1180 01 0.4A	Version
Order No.	1278880000	Miniature fuse, 0.4 A
GTIN (EAN)	4050118091380	
Qty.	5 pc(s).	
Type	ETA 1180 01 0.5A	Version
Order No.	1278910000	Miniature fuse, 0.5 A
GTIN (EAN)	4050118091359	
Qty.	5 pc(s).	

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Accessories

Type	ETA 1180 01 2.5A	Version
Order No.	1278980000	Miniature fuse, 2.5 A
GTIN (EAN)	4050118091403	
Qty.	5 pc(s).	
Type	ETA 1180 01 8A	Version
Order No.	1279060000	Miniature fuse, 8 A
GTIN (EAN)	4050118091410	
Qty.	5 pc(s).	
Type	ETA 1180 01 0.3A	Version
Order No.	1278870000	Miniature fuse, 0.3 A
GTIN (EAN)	4050118091472	
Qty.	5 pc(s).	
Type	ETA 1180 01 0.6A	Version
Order No.	1278920000	Miniature fuse, 0.6 A
GTIN (EAN)	4050118091533	
Qty.	5 pc(s).	
Type	ETA 1180 01 4A	Version
Order No.	1279020000	Miniature fuse, 4 A
GTIN (EAN)	4050118091496	
Qty.	5 pc(s).	
Type	ETA 1180 01 3.5A	Version
Order No.	1279010000	Miniature fuse, 3.5 A
GTIN (EAN)	4050118091397	
Qty.	5 pc(s).	
Type	ETA 1180 01 0.25A	Version
Order No.	1278860000	Miniature fuse, 0.25 A
GTIN (EAN)	4050118091441	
Qty.	5 pc(s).	
Type	ETA 1180 01 1A	Version
Order No.	1278950000	Miniature fuse, 1 A
GTIN (EAN)	4050118091366	
Qty.	5 pc(s).	
Type	ETA 1180 01 5A	Version
Order No.	1279030000	Miniature fuse, 5 A
GTIN (EAN)	4050118091465	
Qty.	5 pc(s).	
Type	ETA 1180 01 0.8A	Version
Order No.	1278940000	Miniature fuse, 0.8 A
GTIN (EAN)	4050118091526	
Qty.	5 pc(s).	
Type	ETA 1180 01 0.1A	Version
Order No.	1278840000	Miniature fuse, 0.1 A
GTIN (EAN)	4050118091373	
Qty.	5 pc(s).	
Type	ETA 1180 01 0.2A	Version
Order No.	1278850000	Miniature fuse, 0.2 A
GTIN (EAN)	4050118091458	
Qty.	5 pc(s).	
Type	ETA 1180 01 10A	Version
Order No.	1279070000	Miniature fuse, 10 A
GTIN (EAN)	4050118091427	
Qty.	5 pc(s).	

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Accessories

Type	ETA 1180 01 6A	Version
Order No.	1279040000	Miniature fuse, 6 A
GTIN (EAN)	4050118091502	
Qty.	5 pc(s).	
Type	1180-01-1.5A	Version
Order No.	1278960000	Miniature fuse, 1.5 A
GTIN (EAN)	4050118091540	
Qty.	5 pc(s).	
Type	ETA 1180 01 7A	Version
Order No.	1279050000	Miniature fuse, 7 A
GTIN (EAN)	4050118091434	
Qty.	5 pc(s).	

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 pc(s).	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 pc(s).	

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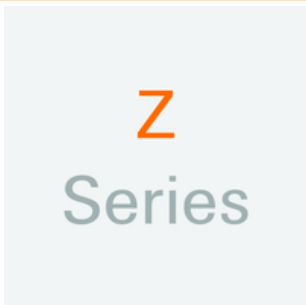
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www.weidmueller.com**Accessories****Slotted screwdriver**

Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 0.6X3.5X100	Version
Order No.	9008330000	Screwdriver, Screwdriver
GTIN (EAN)	4032248056286	
Qty.	1 pc(s).	

Z-Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	ZST 1	Version
Order No.	1269070000	Accessories, Accessories holder
GTIN (EAN)	4050118094091	
Qty.	25 pc(s).	