

**W-Series**  
**WSI 6/2/LD 60-150V LLC****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Product image****Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

**General ordering data**

Type	WSI 6/2/LD 60-150V LLC
Order No.	<a href="#">1119820000</a>
Version	W-Series, Fuse terminal, Rated cross-section: 6 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4032248901098
Qty.	25 pc(s).

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

Width	11.9 mm	Width (inches)	0.469 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	78.5 mm	Depth (inches)	3.091 inch
Depth including DIN rail	79.5 mm	Net weight	27.68 g

**Temperatures**

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °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**

Version	Screw connection, Fuse isolator, with LED, for screwable cross- connection, 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

**2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)**

Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	2.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	2.5 mm <sup>2</sup>

**Additional technical data**

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

**CSA rating data**

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

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**Technical data**
**Conductors for clamping (rated connection)**

Blade size	0.8 x 4.0 mm	Clamping range, max.	10 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping screw	M 3.5
Connection cross-section, stranded, max.	10 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	A5
Number of connections	2	Tightening torque, max.	1.6 Nm
Tightening torque, min.	0.8 Nm	Torque level with DMS electric screwdriver	3
Type of connection	Screw connection	Wire connection cross section AWG, max.	AWG 8
Wire connection cross section AWG, min.	AWG 20	Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 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.	6 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, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

**Display element**

Type of voltage for indicator	AC/DC
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**Fuse terminals**

Cartridge fuse	G-Si. 1 x 1/4	Display	Red LED
Fuse holder (cartridge holder)	Pivoting	Leakage current, max.	0.219 mA
Operating voltage, max.	150 V	Type of voltage for indicator	AC/DC

**Rating data**

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	150 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	0.78 mΩ	Power loss in accordance with IEC 60947-7-x	1.31 W
Pollution severity	3		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	22 AWG		

**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		

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**Technical data****Approvals**

Approvals



ROHS

Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">DE_PT1003_20160414_275_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN_WSCAD_Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Beipackzettel_WSI6_WSI6_2_LLC.pdf</a> <a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**Safety notice [Safety Information](#)

**Data sheet**

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**Drawings**



## W-Series WSI 6/2/LD 60-150V LLC

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# Accessories

## QL / SAK 16



### Klippon® Connect with clamping yoke Technology

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### General ordering data

Type	QL 4 SAK16	Version
Order No.	<a href="#">0470900000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190112257	poles: 4
Qty.	50 pc(s).	
Type	QL 3 SAK16	Version
Order No.	<a href="#">0470800000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190011574	poles: 3
Qty.	50 pc(s).	
Type	QL 2 SAK16	Version
Order No.	<a href="#">0470700000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190182618	poles: 2
Qty.	50 pc(s).	
Type	QL 10 SAK16	Version
Order No.	<a href="#">0471000000</a>	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190150761	poles: 10
Qty.	20 pc(s).	

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# Accessories

## Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.

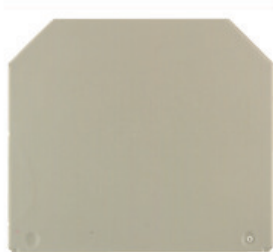
- Can be fitted in strips or individually
- Markers in proven MultiCard format

**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	WS 12/6.5 MC NE WS	Version
Order No.	<a href="#">1609920000</a>	WS, Terminal marker, 12 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203511	Weidmueller, Allen-Bradley, white
Qty.	540 pc(s).	

## End plates



**Klippon® Connect with clamping yoke Technology**  
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### General ordering data

Type	WAP 2.5-10	Version
Order No.	<a href="#">1050000000</a>	W-Series, End plate
GTIN (EAN)	4008190103149	
Qty.	50 pc(s).	
Type	WAP 16+35 WTW 2.5-10	Version
Order No.	<a href="#">1050100000</a>	W-Series, End plate, Separation plate
GTIN (EAN)	4008190079901	
Qty.	20 pc(s).	

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# Accessories

## Screwing



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## General ordering data

Type	KISC M3X5	Version	
Order No.	<a href="#">1052100000</a>	Accessories, Mounting screw, for busbars	
GTIN (EAN)	4008190125332		
Qty.	100 pc(s).		

## Blank



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 5/8 MC NE WS	Version	
Order No.	<a href="#">1856740000</a>	Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00	
GTIN (EAN)	4032248400850	Weidmueller, white	
Qty.	800 pc(s).		



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**Accessories****Shielding bus****Klippon® Connect with clamping yoke Technology**

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**General ordering data**

Type	LS 2.8 WDU2.5-10	Version
Order No.	<a href="#">1056400000</a>	W-Series, Shield bus
GTIN (EAN)	4008190036454	
Qty.	100 pc(s).	