

W-Series
WSI 6/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/LD 60-150V LLC
Order No.	1119850000
Version	W-Series, Fuse terminal, Rated cross-section: 6 mm ² , Screw connection
GTIN (EAN)	4032248900947
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	7.9 mm	Width (inches)	0.311 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	71.5 mm	Depth (inches)	2.815 inch
Depth including DIN rail	72 mm	Net weight	20.56 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	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 ²	Wire cross-section, finely stranded, two clampable wires, max.	2.5 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	2.5 mm ²

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 ²
Clamping range, min.	0.5 mm ²	Clamping screw	M 3.5
Connection cross-section, stranded, max.	10 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
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 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 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, 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		

Display element

Type of voltage for indicator	AC/DC
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Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	Red LED
Fuse holder (cartridge holder)	Pivoting	Leakage current, max.	0.291 mA
Operating voltage, max.	150 V	Type of voltage for indicator	AC/DC

Rating data

Rated cross-section	6 mm ²	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		

Data sheet**W-Series
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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	CB Testreport CB Certificate CB Test certificate DE_PT1003_20160414_278_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Beipackzettel_WSI6_WSI6_2_LLC.pdf StorageConditionsTerminalBlocks

Safety note

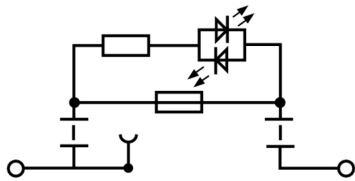
Safety notice	Safety Information
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Data sheet

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Drawings



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Accessories

QL / SAK 6N



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	QL 4 SAK6N	Version
Order No.	0194500000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190025601	poles: 4
Qty.	50 pc(s).	
Type	QL 2 SAK6N	Version
Order No.	0194300000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190182854	poles: 2
Qty.	50 pc(s).	
Type	QL 10 SAK6N	Version
Order No.	0338300000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190176679	poles: 10
Qty.	20 pc(s).	
Type	QL 3 SAK6N	Version
Order No.	0194400000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190063351	poles: 3
Qty.	50 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 12/5 MC NE WS	Version
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 pc(s).	

ZGB pivotable group tag holder



The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.

The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.

Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	ZGB 30	Version
Order No.	1611930000	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190002251	white
Qty.	20 pc(s).	
Type	ZGB 15	Version
Order No.	1636530000	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmueller, white
Qty.	20 pc(s).	

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Accessories

Cutting and notching tools for cross-connections



- for Weidmüller Z-Series cross-connections
- for cross-connections from WQV 2.5 to WQV 35
- for cross-connection window of the terminal WSI 6

General ordering data

Type	WAW 2	Version
Order No.	9004510000	Miscellaneous tools
GTIN (EAN)	4008190111182	
Qty.	1 pc(s).	

End brackets



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General ordering data

Type	WEW 35/2	Version
Order No.	1061200000	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	100 pc(s).	

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Accessories

QB

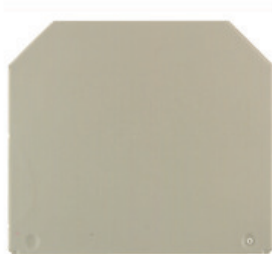


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General ordering data

Type	QB 58/8/9/WI	Version
Order No.	0545300000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190125080	poles: 58
Qty.	10 pc(s).	
Type	QB 58/8/15	Version
Order No.	0545400000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190028794	poles: 58
Qty.	10 pc(s).	

End plates



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General ordering data

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

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Accessories

Test adapter



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General ordering data

Type	WTA 7 WSI6	Version
Order No.	1650210000	W-Series, Test adapter
GTIN (EAN)	4008190296872	
Qty.	25 pc(s).	

Fuses



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General ordering data

Type	G 20/1.00A/F	Version
Order No.	0430700000	Active components, Fuse
GTIN (EAN)	4008190093877	
Qty.	10 pc(s).	
Type	G 20/0.50A/F	Version
Order No.	0430600000	Active components, Fuse
GTIN (EAN)	4008190046835	
Qty.	10 pc(s).	
Type	G 20/0.25A/F	Version
Order No.	0430500000	Active components, Fuse
GTIN (EAN)	4008190153991	
Qty.	10 pc(s).	
Type	G 20/2.00A/F	Version
Order No.	0430900000	Active components, Fuse
GTIN (EAN)	4008190123567	
Qty.	10 pc(s).	

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- 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.	1609920000	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).	

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 0.8X4.0X100	Version
Order No.	9008340000	Screwdriver, Blade width (B): 4 mm, Blade length: 100 mm, Blade thickness (A): 0.8 mm
GTIN (EAN)	4032248056293	
Qty.	1 pc(s).	

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Accessories

Screwing



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General ordering data

Type	KISC M3X5	Version
Order No.	1052100000	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.	1856740000	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.	1056400000	W-Series, Shield bus
GTIN (EAN)	4008190036454	
Qty.	100 pc(s).	