

W-Series
WSI 4/LD 60-150V AC/DC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
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 www.weidmueller.com



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 4/LD 60-150V AC/DC
Order No.	1886570000
Version	W-Series, Fuse terminal, Rated cross-section: 4 mm ² , Screw connection
GTIN (EAN)	4032248492053
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Width	8 mm	Width (inches)	0.315 inch
Height	50.7 mm	Height (inches)	1.996 inch
Depth	42.5 mm	Depth (inches)	1.673 inch
Net weight	10.9 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

Material	Wemid	Colour	Black
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Fuse isolator, with LED, closed	End cover plate required	No
Number of potentials	1	Number of levels	1
No. of clamping points per level	2	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

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

Cross-section for connected wire, solid, two clampable wires, min.	0.5 mm ²	Cross-section for connected wire, solid, two clampable wires, max.	1.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 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.	1.5 mm ²

Additional technical data

Number of similar terminals	1	Type of mounting	Snap-on
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CSA rating data

Certificate No. (CSA)	200039-1575489	Wire cross section max. (CSA)	12 AWG
Wire cross section min. (CSA)	30 AWG		

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Technical data
Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm	Clamping range, rated connection, max.	4 mm ²
Clamping range, rated connection, min.	0.5 mm ²	Clamping screw	M 2.5
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	2	Stripping length	8 mm
Tightening torque, max.	0.4 Nm	Tightening torque, min.	0.4 Nm
Torque level with DMS electric screwdriver	2	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 22
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	0.5 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, solid core, min. rated connection	0.5 mm ²	Wire connection cross section, stranded, rated connection, max.	4 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 mm ²

Dimensions

TS 35 offset	25 mm
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Display element

Operating voltage for display, max.	150 V	Operating voltage for display, min.	60 V
Type of voltage for indicator	AC/DC		

Fuse terminals

Cartridge fuse	G-Si. 5 x 20	Display	LED
Fuse holder (cartridge holder)	for screw fixing	Operating voltage, max.	150 V
Permitted power loss for fuse with semiconductor protection		Power loss for overload and short-circuit protection for a composite arrangement	1.6 W at 6.3 A @ 23°C
Power loss for overload and short-circuit protection for an individual arrangement	1.6 W at 6.3 A @ 34°C	Power loss for short-circuit protection only for a composite arrangement	2.5 W at 6.3 A @ 47°C
Power loss for short-circuit protection only for an individual arrangement	4.0 W at 6.3 A @ 63°C	Power loss, 1-pole ; 2-pole ; 3-pole	
Type of voltage for indicator	AC/DC		

Rating data

Rated cross-section	4 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	1 mΩ		

UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	12 AWG
Conductor size Factory wiring min. (cURus)	30 AWG	Conductor size Field wiring max. (cURus)	12 AWG
Conductor size Field wiring min. (cURus)	30 AWG		

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Data sheet

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Classifications

ETIM 3.0	EC000899	ETIM 4.0	EC000899
ETIM 5.0	EC000899	ETIM 6.0	EC000899
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-16
eClass 6.2	27-14-11-16	eClass 7.1	27-14-11-16
eClass 8.1	27-14-11-16	eClass 9.0	27-14-11-16
eClass 9.1	27-14-11-16		

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_WSI_4 DE_PT1003_20160418_951_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	NTI_Ex_nA_WSI_4

Safety note

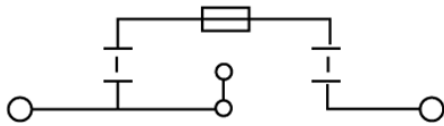
Safety notice [Safety Information](#)

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Drawings



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Accessories

Combined screwing and cutting tool "Swifty®"

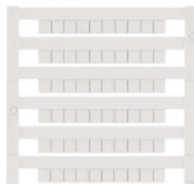
Combined cutting/screwing tool: Swifty® and Swifty® set for clean cutting of copper cables up to 1.5 mm² (solid) and 2.5 mm² (flexible)



General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SWIFTY SET	9006060000	Cutting and screwing-tool, Cutting tool for one-hand operation	4032248257638	1 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

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
DEK 5/5 MC NE WS	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, White	4008190397111	1,000 pc(s).

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Accessories

Fuses



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General ordering data

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

Tools



Tools for removing the sheathing of uncut power cables and outgoing feeders, plus screwdrivers for installing FieldPower components.

General ordering data

Type	Order No.	Version	GTIN (EAN)	Qty.
SDS 0.6X3.5X100	9008330000	Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm	4032248056286	1 pc(s).