

WSI 4/LD 60-150V AC/DC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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

Creation date January 14, 2022 5:57:23 PM CET

Catalogue status 17.12.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	42.5 mm	Depth (inches)	1.673 inch
Height	50.7 mm	Height (inches)	1.996 inch
Width	8 mm	Width (inches)	0.315 inch
Net weight	10.9 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	Screw connection, Fuse isolator, with LED, in closed state	End cover plate required	No
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)

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

Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
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Technical data

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	0.5 mm ²	
		max.	4 mm ²	
		nominal	4 mm ²	
	wire end ferrule	Stripping length	min.	8 mm
			max.	8 mm
			nominal	8 mm
		Tightening torque	min.	0.4 Nm
	max.		0.4 Nm	
	Recommended wire-end ferrule			
	Connection specification		Screw connection	
Cross-section for conductor connection	Type	stranded, H07V-R		
	min.	1.5 mm ²		
	max.	4 mm ²		
	nominal	4 mm ²		
wire end ferrule	Stripping length	min.	8 mm	
		max.	8 mm	
		nominal	8 mm	
	Tightening torque	min.	0.4 Nm	
max.		0.4 Nm		
Recommended wire-end ferrule				
Connection specification		Screw connection		
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	0.5 mm ²		
	max.	4 mm ²		
	nominal	4 mm ²		
wire end ferrule	Stripping length	min.	8 mm	
		max.	8 mm	
		nominal	8 mm	
	Tightening torque	min.	0.4 Nm	
max.		0.4 Nm		
Recommended wire-end ferrule				
Clamping range, max.	4 mm ²			
Clamping range, min.	0.5 mm ²			
Clamping screw	M 2.5			
Connection cross-section, stranded, max.	4 mm ²			
Connection cross-section, stranded, min.	1.5 mm ²			
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, max.	4 mm ²			
Wire connection cross section, finely stranded, min.	0.5 mm ²			

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. 2.5 mm²

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. 0.5 mm²

Wire connection cross-section, solid core, max. 4 mm²

Wire connection cross-section, solid core, min. 0.5 mm²

Dimensions

TS 35 offset 25 mm

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

Fuse holder (cartridge holder) for screw fixing

Power loss for overload and short-circuit protection for a composite arrangement 1.6 W at 6.3 A @ 23°C

Power loss for short-circuit protection only for a composite arrangement 2.5 W at 6.3 A @ 47°C

Type of voltage for indicator AC/DC

Display LED

Operating voltage, max. 150 V

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 an individual arrangement 4.0 W at 6.3 A @ 63°C

General

Rail TS 35

Wire connection cross section AWG, max. AWG 12

Standards IEC 60947-7-3

Wire connection cross section AWG, min. AWG 22

Rating data

Rated cross-section 4 mm²

Rated voltage to adjoining terminal 500 V

Current at maximum wires 6.3 A

Volume resistance according to IEC 60947-7-x 1 mΩ

Rated voltage 150 V

Rated current 6.3 A

Standards IEC 60947-7-3

Power loss in accordance with IEC 60947-7-x 1.02 W

UL rating data

Certificate No. (cURus) E60693

Conductor size Factory wiring min. (cURus) 30 AWG

Conductor size Field wiring min. (cURus) 30 AWG

Conductor size Factory wiring max. (cURus) 12 AWG

Conductor size Field wiring max. (cURus) 12 AWG

Classifications

ETIM 6.0 EC000899

ETIM 8.0 EC000899

ECLASS 9.1 27-14-11-16

ECLASS 11.0 27-14-11-16

ETIM 7.0 EC000899

ECLASS 9.0 27-14-11-16

ECLASS 10.0 27-14-11-16

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Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	CB Test certificate EAC certificate Lloyds Register Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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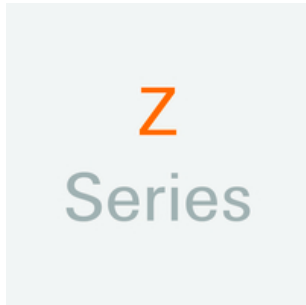
Drawings



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Accessories
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).	

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

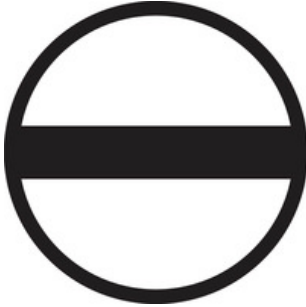
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Accessories

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).	

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

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Accessories

5x20



For protection against overcurrent, we offer cartridge fuse with dimensions 5x20 mm in sizes from 100 mA to 6.3 A.

General ordering data

Type	G 20/0.25A/F	Version
Order No.	0430500000	Active components, Fuse
GTIN (EAN)	4008190153991	
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 20/1.00A/F	Version
Order No.	0430700000	Active components, Fuse
GTIN (EAN)	4008190093877	
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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