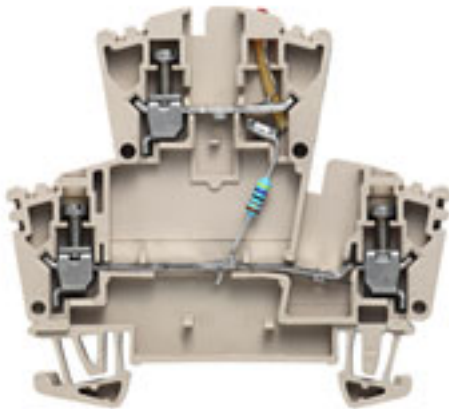


**W-Series**  
**WDK 2.5 LD RT 24VDC +-**

**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	WDK 2.5 LD RT 24VDC +-
Order No.	<a href="#">1023600000</a>
Version	W-Series, Feed-through terminal, Double-tier terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Screw connection
GTIN (EAN)	4008190060855
Qty.	25 pc(s).

Creation date May 1, 2020 7:26:25 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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

Width	5.1 mm	Width (inches)	0.201 inch
Height	69 mm	Height (inches)	2.717 inch
Depth	62.5 mm	Depth (inches)	2.461 inch
Depth including DIN rail	63 mm	Net weight	11.19 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, with LED	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

**Additional technical data**

Electronic component	red LED	Explosion-tested version	No
Number of similar terminals	1	Type of mounting	Snap-on

**Component**

Component type	Miscellaneous
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**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	4 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Clamping screw	M 2.5
Connection cross-section, stranded, max.	4 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	A3
Number of connections	3	Stripping length	10 mm
Tightening torque, max.	0.6 Nm	Tightening torque, min.	0.4 Nm
Type of connection	Screw connection	Wire connection cross section, finely stranded, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 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, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

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**Technical data****Dimensions**

TS 35 offset	35.5 mm
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**Display element**

Current	5 mA	Indicator element	red
Operating voltage for display, max.	24 V	Operating voltage for display, min.	24 V
Type of voltage for indicator	DC		

**Rating data**

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	24 V
Current at maximum wires	10 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W
Rated impulse withstand voltage	0.8 kV	Pollution severity	3

**Classifications**

ETIM 6.0	EC000903	ETIM 7.0	EC000903
eClass 9.0	27-14-11-27	eClass 9.1	27-14-11-47
eClass 10.0	27-14-11-27	UNSPSC	30-21-18-11

**Product information**

Product information	The allowed continuous operating temperature must be observed
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**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">DE_PT1081_20160418_670_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="#">StorageConditionsTerminalBlocks</a>

**Safety note**

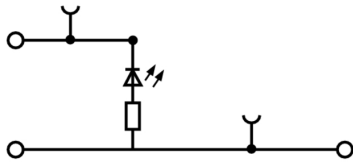
Safety notice	<a href="#">Safety Information</a>
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**Data sheet**

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**WDK 2.5 LD RT 24VDC +-**

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**Drawings**



## W-Series

### WDK 2.5 LD RT 24VDC +-

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## Accessories

### WQV 2.5



#### 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	WQV 2.5/32	Version
Order No.	<a href="#">157760000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 32
GTIN (EAN)	4008190154035	
Qty.	10 pc(s).	
Type	WQV 2.5/8	Version
Order No.	<a href="#">105426000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 8
GTIN (EAN)	4008190073572	
Qty.	10 pc(s).	
Type	WQV 2.5/15	Version
Order No.	<a href="#">105966000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 15
GTIN (EAN)	4008190002411	
Qty.	10 pc(s).	
Type	WQV 2.5/4	Version
Order No.	<a href="#">105386000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190049706	
Qty.	50 pc(s).	
Type	WQV 2.5/30	Version
Order No.	<a href="#">106750000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 30
GTIN (EAN)	4008190031107	
Qty.	10 pc(s).	
Type	WQV 2.5/3	Version
Order No.	<a href="#">105376000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190058999	
Qty.	50 pc(s).	
Type	WQV 2.5/6	Version
Order No.	<a href="#">105406000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 6
GTIN (EAN)	4008190102272	
Qty.	10 pc(s).	
Type	WQV 2.5/2	Version
Order No.	<a href="#">105366000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4008190031121	
Qty.	50 pc(s).	
Type	WQV 2.5/10	Version
Order No.	<a href="#">105446000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190135089	
Qty.	20 pc(s).	
Type	WQV 2.5/20	Version
Order No.	<a href="#">157757000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4008190125868	
Qty.	10 pc(s).	

Creation date May 1, 2020 7:26:26 AM CEST

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## Accessories

Type	WQV 2.5/5	Version
Order No.	<a href="#">1053960000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4008190158446	
Qty.	10 pc(s).	
Type	WQV 2.5/7	Version
Order No.	<a href="#">1054160000</a>	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4008190011246	
Qty.	10 pc(s).	

### With lightning flash



The WAD connector marker is suitable for W-series terminals and for the WEW 35/2 and ZEW 35/2 end brackets. The markers are available as blank markers, with custom printing or standard print with lightning symbol. The WAD MultiCard markers are suitable for labelling with PrintJet ADVANCED printers.

- High-quality and resistant printing with PrintJet
- WAD marker and cover for the W-series terminals and the WEW 35/2 or ZEW 35/2 end brackets
- Available as blank markers, with custom printing or standard print with lightning symbol
- Quick and easy installation

**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	WAD 5 MC B GE/SW	Version
Order No.	<a href="#">1120450000</a>	Group markers, Cover, 33.3 x 5 mm, Pitch in mm (P): 5.00 yellow
GTIN (EAN)	4032248901272	
Qty.	48 pc(s).	

### End bracket



#### **Klippon® Connect with clamping yoke Technology**

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### General ordering data

Type	EW 35	Version
Order No.	<a href="#">0383560000</a>	Accessories, End bracket
GTIN (EAN)	4008190181314	
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 8/5 MC NE WS	Version
Order No.	<a href="#">1640740000</a>	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190279103	Allen-Bradley, white
Qty.	720 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.	<a href="#">1609801044</a>	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

## 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.	<a href="#">1854490000</a>	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4032248393596	Weidmueller, white	
Qty.	1,000 pc(s).		

## End plates



### Klippon® Connect with clamping yoke Technology

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### General ordering data

Type	WAP WDK2.5	Version	
Order No.	<a href="#">1059100000</a>	W-Series, End plate	
GTIN (EAN)	4008190101954		
Qty.	20 pc(s).		



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# Accessories

## Custom printing



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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 8/5 MC SDR	Version
Order No.	<a href="#">1640750000</a>	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190456627	Allen-Bradley, To customer specification
Qty.	144 pc(s).	