

WDK 2.5 GL 330K 230VAC**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, Feed-through terminal, Double-tier terminal, Rated cross-section: 2.5 mm ² , Screw connection
Order No.	8013840000
Type	WDK 2.5 GL 330K 230VAC
GTIN (EAN)	4008190084455
Qty.	25 pc(s).

Creation date January 30, 2022 7:22:25 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.461 inch
Height	69 mm	Height (inches)	2.717 inch
Width	5.1 mm	Width (inches)	0.201 inch
Net weight	13.52 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	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, With glow lamp	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

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

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

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

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Technical data
Conductors for clamping (rated connection)

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	2.5 mm ²	
	wire end ferrule	Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
		Recommended wire-end ferrule		
		Cross-section for conductor connection	Type	flexible, H05(07) V-K
			min.	0.5 mm ²
max.			4 mm ²	
nominal			2.5 mm ²	
wire end ferrule		Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
		Recommended wire-end ferrule		
Clamping range, max.		2.5 mm ²		
Clamping range, min.		0.13 mm ²		
Connection direction	on side			
Number of connections	4			
Stripping length	10 mm			
Type of connection	Screw connection			
Wire connection cross section AWG, max.	AWG 12			
Wire connection cross section AWG, min.	AWG 26			
Wire connection cross section, finely stranded, max.	2.5 mm ²			
Wire connection cross section, finely stranded, min.	0.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²			
Wire connection cross-section, solid core, max.	4 mm ²			
Wire connection cross-section, solid core, min.	0.5 mm ²			

Display element

Current	5 mA	Indicator element	red
Operating voltage for display, max.	230 V	Operating voltage for display, min.	230 V
Type of voltage for indicator	AC		

General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

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Technical data**Rating data**

Rated cross-section	2.5 mm ²	Rated voltage	230 V
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 W

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ECLASS 9.0	27-14-11-20
ECLASS 9.1	27-14-11-20	ECLASS 10.0	27-14-11-20
ECLASS 11.0	27-14-11-20		

Important note

Product information The allowed continuous operating temperature must be observed

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

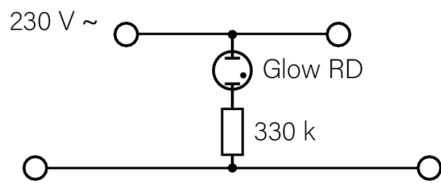
Data sheet

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Drawings



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Accessories

2.5 mm²

2.5
mm²

End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

Type	WAP WDK2.5	Version
Order No.	1059100000	W-Series, End plate
GTIN (EAN)	4008190101954	
Qty.	20 pc(s).	

SAK-Series

SAK
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	EW 35	Version
Order No.	0383560000	Accessories, End bracket
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

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Accessories

Custom printing



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 PrintJet CONNECT oder/or Plotter 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 SDR	Version
Order No.	1640750000	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).	

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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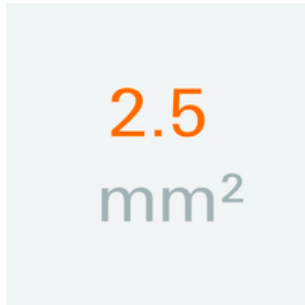
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Accessories

2.5 mm²



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Type	WQV 2.5/2	Version
Order No.	1053660000	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.	1054460000	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190135089	
Qty.	20 pc(s).	
Type	WQV 2.5/32	Version
Order No.	1577600000	W-Series, Cross-connector, For the terminals, Number of poles: 32
GTIN (EAN)	4008190154035	
Qty.	10 pc(s).	
Type	WQV 2.5/4	Version
Order No.	1053860000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190049706	
Qty.	50 pc(s).	
Type	WQV 2.5/15	Version
Order No.	1059660000	W-Series, Cross-connector, For the terminals, Number of poles: 15
GTIN (EAN)	4008190002411	
Qty.	10 pc(s).	
Type	WQV 2.5/7	Version
Order No.	1054160000	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4008190011246	
Qty.	10 pc(s).	
Type	WQV 2.5/8	Version
Order No.	1054260000	W-Series, Cross-connector, For the terminals, Number of poles: 8
GTIN (EAN)	4008190073572	
Qty.	10 pc(s).	
Type	WQV 2.5/30	Version
Order No.	1067500000	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.	1053760000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190058999	
Qty.	50 pc(s).	
Type	WQV 2.5/5	Version
Order No.	1053960000	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4008190158446	
Qty.	10 pc(s).	

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Data sheet

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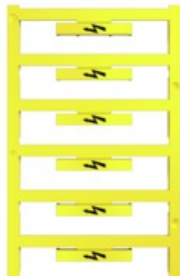
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Accessories

Type	WQV 2.5/20	Version
Order No.	1577570000	W-Series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4008190125868	
Qty.	10 pc(s).	

Type	WQV 2.5/6	Version
Order No.	1054060000	W-Series, Cross-connector, For the terminals, Number of poles: 6
GTIN (EAN)	4008190102272	
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 CONNECT printers.

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.	1120450000	Group markers, Cover, 33.3 x 5 mm, Pitch in mm (P): 5.00 yellow
GTIN (EAN)	4032248901272	
Qty.	48 pc(s).	

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Accessories

Plus



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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.	1854490000		Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4032248393596		Weidmueller, white
Qty.	1,000 pc(s).		

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Accessories

WS 8/5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- High flexibility thanks to manufacturer independence

General ordering data

Type	WS 8/5 MM WS	Version
Order No.	2007150000	WS, Terminal marker, 8 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392029	
Qty.	800 pc(s).	

Blank



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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 NE WS	Version
Order No.	1640740000	WS, Terminal marker, 8 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190279103	Allen-Bradley, white
Qty.	720 pc(s).	

Mouser Electronics

Authorized Distributor

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