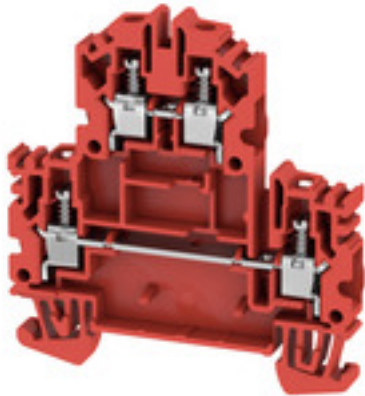


**W-Series  
WDK 4N RT**

**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 4N RT
Order No.	<a href="#">1068080000</a>
Version	Double-tier terminal, Screw connection, 4 mm <sup>2</sup> , 800 V, 32 A, red
GTIN (EAN)	4032248822188
Qty.	100 pc(s).

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

Width	6.1 mm	Width (inches)	0.24 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	63.25 mm	Depth (inches)	2.49 inch
Depth including DIN rail	64.15 mm	Net weight	14.85 g

**Temperatures**

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Storage temperature, max.	40 °C
Storage temperature, min.	10 °C	Storage temperature	10 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

**Material data**

Material	Wemid	Colour	red
UL 94 flammability rating	V-0		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	DEMKO15ATEX1346U	Certificate No. (IECEX)	IECEXULD15.0003U
Max. voltage (ATEX)	550 V	Current (ATEX)	30 A
Wire cross section max. (ATEX)	6 mm <sup>2</sup>	Max. voltage (IECEX)	550 V
Current (IECEX)	30 A	Wire cross section max. (IECEX)	6 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

**System specifications**

Version	Screw connection, for plug-in cross-connector, One end without connector	End cover plate required	Yes
Number of potentials	2	Number of levels	2
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)**

Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm <sup>2</sup>

**Additional technical data**

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

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**Technical data**
**CSA rating data**

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	30 A
Current size D (CSA)	5 A	Voltage size C (CSA)	300 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	10 AWG
Wire cross section min. (CSA)	26 AWG		

**Conductors for clamping (rated connection)**

Blade size	0.6 x 3.5 mm	Clamping range, max.	6 mm <sup>2</sup>
Clamping range, min.	0.13 mm <sup>2</sup>	Clamping screw	M 3
Connection cross-section, stranded, max.	6 mm <sup>2</sup>	Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Connection direction	on side	Gauge to IEC 60947-1	A4
Number of connections	4	Stripping length	8 mm
Tightening torque, max.	1 Nm	Tightening torque, min.	0.5 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 26
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.	4 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 with wire-end ferrules DIN 46228/4, max.	4 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, 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.	6 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>

**Dimensions**

TS 35 offset	30 mm
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**Rating data**

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	800 V
Rated current	32 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	2 mΩ	Power loss in accordance with IEC 60947-7-x	1.02 W
Rated impulse withstand voltage	8 kV	Pollution severity	3

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	10 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	10 AWG
Conductor size Field wiring min. (UR)	26 AWG	Current size C (UR)	35 A
Voltage size C (UR)	600 V		

**Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20		

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestatin of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a> <a href="#">NTI WDK4N-WPE 4N PE</a> <a href="#">NTI WDK4N WPE 4N DU-PE</a>

**Safety note**

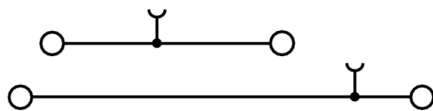
Safety notice	<a href="#">Safety Information</a>
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**Data sheet**

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**Drawings**



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**Accessories**
**ZQV 4N**

**Spring connection with tension clamp Technology**

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

**General ordering data**

Type	ZQV 4N/3 GE	Version
Order No.	<a href="#">1762630000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248169788	
Qty.	60 pc(s).	
Type	ZQV 4N/4 GE	Version
Order No.	<a href="#">1762620000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248169771	
Qty.	60 pc(s).	
Type	ZQV 4N/10 GE	Version
Order No.	<a href="#">1758260000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248169764	
Qty.	20 pc(s).	
Type	ZQV 4N/20 GE	Version
Order No.	<a href="#">1909020000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248535644	
Qty.	20 pc(s).	
Type	ZQV 4N/2 GE	Version
Order No.	<a href="#">1758250000</a>	Accessories, Cross-connector, 32 A
GTIN (EAN)	4032248169795	
Qty.	60 pc(s).	

**Partition plates**

**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	WTW EN	Version
Order No.	<a href="#">1058800000</a>	W-Series, Separation plate
GTIN (EAN)	4008190140175	
Qty.	20 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.

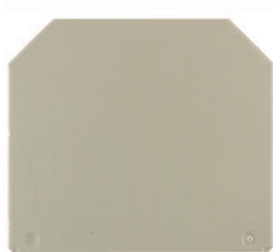
- Can be fitted in strips or individually
- Markers in proven MultiCard format

**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).	

**End plates**



**Klippon® Connect with clamping yoke Technology**  
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**General ordering data**

Type	WAP WDK2.5/4 N	Version
Order No.	<a href="#">1084000000</a>	W-Series, End plate
GTIN (EAN)	4032248127351	
Qty.	20 pc(s).	

Type	WAP WDK2.5/4 N BL	Version
Order No.	<a href="#">1084080000</a>	W-Series, End plate
GTIN (EAN)	4032248127337	
Qty.	20 pc(s).	

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**Accessories**
**ZQV 4N**

**Spring connection with PUSH IN Technology**

The innovative PUSH IN technology reduces the amount of time you spend on wiring to a minimum. Direct insertion guarantees high conductor pull-out forces and simple handling for all conductor types.

**General ordering data**

Type	ZQV 4N/4 RD
Order No.	<a href="#">2460800000</a>
GTIN (EAN)	4050118476224
Qty.	60 pc(s).
Type	ZQV 4N/8
Order No.	<a href="#">1528030000</a>
GTIN (EAN)	4050118332841
Qty.	20 pc(s).
Type	ZQV 4N/9
Order No.	<a href="#">1528070000</a>
GTIN (EAN)	4050118332797
Qty.	20 pc(s).
Type	ZQV 4N/30
Order No.	<a href="#">2561580000</a>
GTIN (EAN)	4050118570113
Qty.	5 pc(s).
Type	ZQV 4N/7 BL
Order No.	<a href="#">1528180000</a>
GTIN (EAN)	4050118333114
Qty.	20 pc(s).
Type	ZQV 4N/2 RD
Order No.	<a href="#">2460450000</a>
GTIN (EAN)	4050118476149
Qty.	60 pc(s).
Type	ZQV 4N/50 RD
Order No.	<a href="#">2460730000</a>
GTIN (EAN)	4050118476156
Qty.	5 pc(s).
Type	ZQV 4N/2
Order No.	<a href="#">1527930000</a>
GTIN (EAN)	4050118332766
Qty.	60 pc(s).
Type	ZQV 4N/3 BL
Order No.	<a href="#">1528080000</a>
GTIN (EAN)	4050118333008
Qty.	60 pc(s).
Type	ZQV 4N/30 RD
Order No.	<a href="#">2561600000</a>
GTIN (EAN)	4050118569964
Qty.	5 pc(s).

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**Accessories**

Type	ZQV 4N/50 BL
Order No.	<a href="#">1528240000</a>
GTIN (EAN)	4050118333121
Qty.	5 pc(s).
Type	ZQV 4N/10 RD
Order No.	<a href="#">2460740000</a>
GTIN (EAN)	4050118476163
Qty.	20 pc(s).
Type	ZQV 4N/30 BL
Order No.	<a href="#">2561610000</a>
GTIN (EAN)	4050118569971
Qty.	5 pc(s).
Type	ZQV 4N/9 BL
Order No.	<a href="#">1528220000</a>
GTIN (EAN)	4050118333107
Qty.	20 pc(s).
Type	ZQV 4N/5 RD
Order No.	<a href="#">2460790000</a>
GTIN (EAN)	4050118476217
Qty.	60 pc(s).
Type	ZQV 4N/10
Order No.	<a href="#">1528090000</a>
GTIN (EAN)	4050118332896
Qty.	20 pc(s).
Type	ZQV 4N/5
Order No.	<a href="#">1527980000</a>
GTIN (EAN)	4050118332759
Qty.	60 pc(s).
Type	ZQV 4N/6 RD
Order No.	<a href="#">2460780000</a>
GTIN (EAN)	4050118476200
Qty.	20 pc(s).
Type	ZQV 4N/2 BL
Order No.	<a href="#">1528040000</a>
GTIN (EAN)	4050118332773
Qty.	60 pc(s).
Type	ZQV 4N/10 BL
Order No.	<a href="#">1528230000</a>
GTIN (EAN)	4050118333138
Qty.	20 pc(s).
Type	ZQV 4N/6
Order No.	<a href="#">1527990000</a>
GTIN (EAN)	4050118332919
Qty.	20 pc(s).
Type	ZQV 4N/5 BL
Order No.	<a href="#">1528140000</a>
GTIN (EAN)	4050118333015
Qty.	60 pc(s).
Type	ZQV 4N/50
Order No.	<a href="#">1528130000</a>
GTIN (EAN)	4050118332902
Qty.	5 pc(s).

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**Accessories**

Type ZQV 4N/9 RD  
 Order No. [2460750000](#)  
 GTIN (EAN) 4050118476170  
 Qty. 20 pc(s).

Type ZQV 4N/3 RD  
 Order No. [2460810000](#)  
 GTIN (EAN) 4050118476231  
 Qty. 60 pc(s).

Type ZQV 4N/6 BL  
 Order No. [1528170000](#)  
 GTIN (EAN) 4050118332926  
 Qty. 20 pc(s).

Type ZQV 4N/4  
 Order No. [1527970000](#)  
 GTIN (EAN) 4050118332889  
 Qty. 60 pc(s).

Type ZQV 4N/7 RD  
 Order No. [2460770000](#)  
 GTIN (EAN) 4050118476194  
 Qty. 20 pc(s).

Type ZQV 4N/3  
 Order No. [1527940000](#)  
 GTIN (EAN) 4050118332865  
 Qty. 60 pc(s).

Type ZQV 4N/8 RD  
 Order No. [2460760000](#)  
 GTIN (EAN) 4050118476187  
 Qty. 20 pc(s).

Type ZQV 4N/4 BL  
 Order No. [1528120000](#)  
 GTIN (EAN) 4050118332872  
 Qty. 60 pc(s).

Type ZQV 4N/8 BL  
 Order No. [1528190000](#)  
 GTIN (EAN) 4050118332858  
 Qty. 20 pc(s).

Type ZQV 4N/7  
 Order No. [1528020000](#)  
 GTIN (EAN) 4050118332780  
 Qty. 20 pc(s).

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**Accessories**

**End brackets**



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**General ordering data**

Type	WEW 35/2	Version
Order No.	<a href="#">1061200000</a>	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	100 pc(s).	

**Shielding bus**



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**General ordering data**

Type	LS 2.8 WDU2.5-10	Version
Order No.	<a href="#">1056400000</a>	W-Series, Shield bus
GTIN (EAN)	4008190036454	
Qty.	100 pc(s).	