

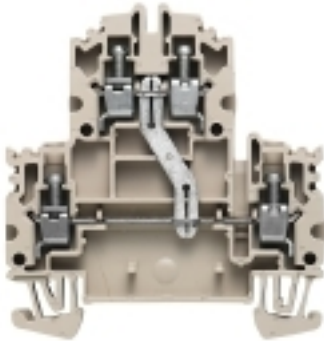
WDK 4N V**Weidmüller Interface GmbH & Co. KG**

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	Double-tier terminal, Screw connection, 4 mm ² , 800 V, 32 A, dark beige
Order No.	1041910000
Type	WDK 4N V
GTIN (EAN)	4032248138753
Qty.	50 pc(s).

Creation date January 12, 2022 9:54:25 AM CET

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

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Technical data

Dimensions and weights

Depth	63.25 mm	Depth (inches)	2.49 inch
Depth including DIN rail	64.15 mm	Height	60.7 mm
Height (inches)	2.39 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	15.09 g

Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Material data

Material	Wemid	Colour	dark beige
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 ²	Max. voltage (IECEX)	550 V
Current (IECEX)	30 A	Wire cross section max. (IECEX)	6 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

System specifications

Version	Screw connection, for plug-in cross-connector, One end without connector, Vertically cross-connected	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	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	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 ²
Clamping range, min.	0.13 mm ²	Clamping screw	M 3
Connection cross-section, stranded, max.	6 mm ²	Connection cross-section, stranded, min.	1.5 mm ²
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 10	Wire connection cross section AWG, min.	AWG 26
Wire connection cross section, finely stranded, max.	4 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, finely stranded with wire-end ferrules DIN 46228/4, max.	4 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²
Wire connection cross-section, solid core, max.	6 mm ²	Wire connection cross-section, solid core, min.	0.5 mm ²

General

Number of poles	1	Rail	TS 35
Standards	IEC 60947-7-1	Wire connection cross section AWG, max.	AWG 10
Wire connection cross section AWG, min.	AWG 26		

Rating data

Rated cross-section	4 mm ²	Rated voltage	800 V
Rated current	32 A	Current at maximum wires	35 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	2 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	1.02 W
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		

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Technical data

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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity IECEX Certificate ATEX Certificate ATEX Certificate CB Test Certificate CB Certificate EAC certificate EAC EX Certificate CCC Ex 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	Operating instructions_WDKV_DKV.pdf StorageConditionsTerminalBlocks NTI WDK-WPE 4N V
Catalogues	Catalogues in PDF-format
Brochures	

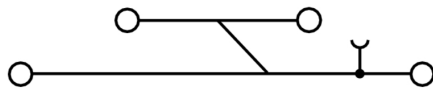
Data sheet

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Drawings



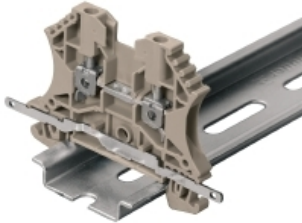
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Accessories

Shielding connection

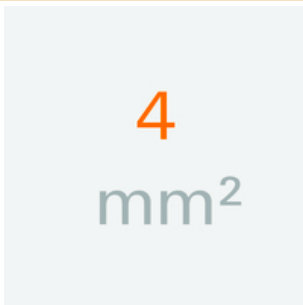


Shielding and earthing

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

General ordering data

Type	LS 2.8 WDU2.5-10	Version
Order No.	1056400000	W-Series, Shield bus
GTIN (EAN)	4008190036454	
Qty.	100 pc(s).	

4 mm²

The plug-in cross-connections feature easy handling and quick installation. This saves a great deal of time during installation in comparison with screwed solutions.

General ordering data

Type	ZQV 4N/4 RD
Order No.	2460800000
GTIN (EAN)	4050118476224
Qty.	60 pc(s).

Type	ZQV 4N/6 RD
Order No.	2460780000
GTIN (EAN)	4050118476200
Qty.	20 pc(s).

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

Type	ZQV 4N/30 RD
Order No.	2561600000
GTIN (EAN)	4050118569964
Qty.	5 pc(s).

Type	ZQV 4N/50
Order No.	1528130000
GTIN (EAN)	4050118332902
Qty.	5 pc(s).

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Accessories

Type	ZQV 4N/8 BL
Order No.	1528190000
GTIN (EAN)	4050118332858
Qty.	20 pc(s).
Type	ZQV 4N/2
Order No.	1527930000
GTIN (EAN)	4050118332766
Qty.	60 pc(s).
Type	ZQV 4N/8
Order No.	1528030000
GTIN (EAN)	4050118332841
Qty.	20 pc(s).
Type	ZQV 4N/7 BL
Order No.	1528180000
GTIN (EAN)	4050118333114
Qty.	20 pc(s).
Type	ZQV 4N/9
Order No.	1528070000
GTIN (EAN)	4050118332797
Qty.	20 pc(s).
Type	ZQV 4N/4 BL
Order No.	1528120000
GTIN (EAN)	4050118332872
Qty.	60 pc(s).
Type	ZQV 4N/50 RD
Order No.	2460730000
GTIN (EAN)	4050118476156
Qty.	5 pc(s).
Type	ZQV 4N/10 RD
Order No.	2460740000
GTIN (EAN)	4050118476163
Qty.	20 pc(s).
Type	ZQV 4N/6 BL
Order No.	1528170000
GTIN (EAN)	4050118332926
Qty.	20 pc(s).
Type	ZQV 4N/7
Order No.	1528020000
GTIN (EAN)	4050118332780
Qty.	20 pc(s).
Type	ZQV 4N/2 RD
Order No.	2460450000
GTIN (EAN)	4050118476149
Qty.	60 pc(s).
Type	ZQV 4N/5
Order No.	1527980000
GTIN (EAN)	4050118332759
Qty.	60 pc(s).
Type	ZQV 4N/10
Order No.	1528090000
GTIN (EAN)	4050118332896
Qty.	20 pc(s).

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Accessories

Type ZQV 4N/5 BL
 Order No. [1528140000](#)
 GTIN (EAN) 4050118333015
 Qty. 60 pc(s).

Type ZQV 4N/10 BL
 Order No. [1528230000](#)
 GTIN (EAN) 4050118333138
 Qty. 20 pc(s).

Type ZQV 4N/50 BL
 Order No. [1528240000](#)
 GTIN (EAN) 4050118333121
 Qty. 5 pc(s).

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

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

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

Type ZQV 4N/9 BL
 Order No. [1528220000](#)
 GTIN (EAN) 4050118333107
 Qty. 20 pc(s).

Type ZQV 4N/30
 Order No. [2561580000](#)
 GTIN (EAN) 4050118570113
 Qty. 5 pc(s).

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

Type ZQV 4N/3 BL
 Order No. [1528080000](#)
 GTIN (EAN) 4050118333008
 Qty. 60 pc(s).

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

Type ZQV 4N/2 BL
 Order No. [1528040000](#)
 GTIN (EAN) 4050118332773
 Qty. 60 pc(s).

Type ZQV 4N/30 BL
 Order No. [2561610000](#)
 GTIN (EAN) 4050118569971
 Qty. 5 pc(s).

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Accessories

Type	ZQV 4N/6
Order No.	1527990000
GTIN (EAN)	4050118332919
Qty.	20 pc(s).

Type	ZQV 4N/5 RD
Order No.	2460790000
GTIN (EAN)	4050118476217
Qty.	60 pc(s).

W-Series



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

General ordering data

Type	WTW EN	Version	
Order No.	1058800000	W-Series, Partition plate	
GTIN (EAN)	4008190140175		
Qty.	20 pc(s).		

2.5/4 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 WDK2.5/4 N	Version	
Order No.	1084000000	W-Series, End plate	
GTIN (EAN)	4032248127351		
Qty.	20 pc(s).		
Type	WAP WDK2.5/4 N BL	Version	
Order No.	1084080000	W-Series, End plate	
GTIN (EAN)	4032248127337		
Qty.	20 pc(s).		

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Accessories

WS 8/6



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 8/6 MM WS	Version
Order No.	2007160000	WS, Terminal marker, 8 x 6 mm, Weidmueller, white
GTIN (EAN)	4050118391879	
Qty.	600 pc(s).	

W-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	WEW 35/2	Version
Order No.	1061200000	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	50 pc(s).	

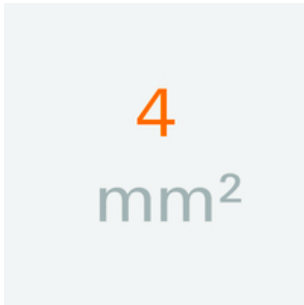
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Accessories

4 mm²



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General ordering data

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

X-ON Electronics

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