

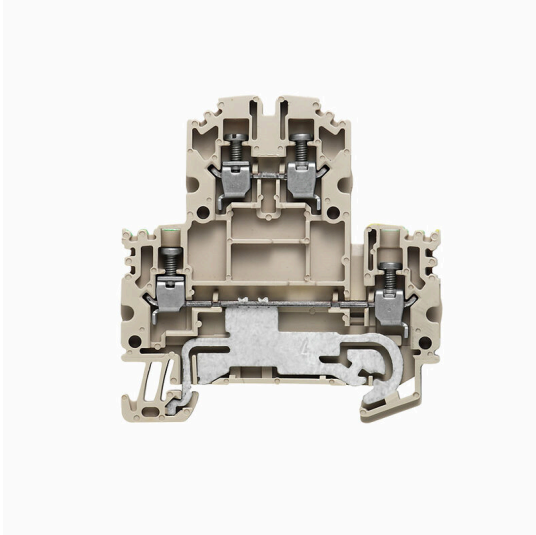
WDK 2.5N DU-PE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

Version	Multi-tier modular terminal, Screw connection, dark beige, 2.5 mm ² , 800 V, Number of connections: 4, Number of levels: 2, TS 35, V-0
Order No.	1041650000
Type	WDK 2.5N DU-PE
GTIN (EAN)	4032248138739
Qty.	50 items

WDK 2.5N DU-PE

Weidmüller Interface GmbH & Co. KG
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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	62 mm	Depth (inches)	2.4409 inch
Depth including DIN rail	62.45 mm	Height	61 mm
Height (inches)	2.4016 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	16.23 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-60 °C...85 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic 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)	24 A
Wire cross section max. (ATEX)	4 mm ²	Max. voltage (IECEX)	550 V
Current (IECEX)	24 A	Wire cross section max. (IECEX)	4 mm ²
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, With PE connection, 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	Yes
Mounting rail	TS 35	N-function	No
PE function	Yes	PEN function	No

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Technical data

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 cross-section, finely stranded, two clampable wires, max.	1.5 mm ²	Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²

Additional technical data

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

CSA rating data

Wire cross section max. (CSA)	12 AWG	Certificate No. (CSA)	200039-1057876
Voltage size B (CSA)	300 V	Current size B (CSA)	20 A
Voltage size D (CSA)	600 V	Current size D (CSA)	5 A
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	on side	Tightening torque, max.	0.6 Nm
Tightening torque, min.	0.4 Nm	Stripping length	8 mm
Type of connection 2	Screw connection	Type of connection	Screw connection
Number of connections	4	Clamping range, max.	4 mm ²
Clamping range, min.	0.05 mm ²	Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 30
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.05 mm ²
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.05 mm ²
Torque level with DMS electric screwdriver	1	Wire connection cross-section, solid core, max.	4 mm ²
Wire connection cross-section, solid core, min.	0.05 mm ²	Connection cross-section, finely stranded, min.	0.05 mm ²

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30
Standards	IEC 60947-7-1 (-7-2)	Mounting rail	TS 35

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	24 A

Creation date 04.05.2026 04:03:16 MEZ

Catalogue status / Drawings

WDK 2.5N DU-PE

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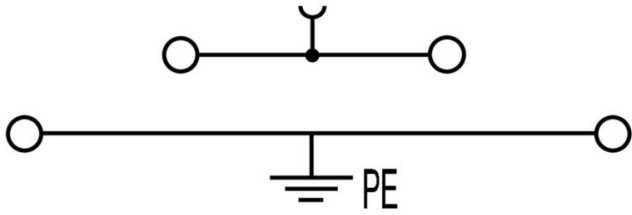
Technical data

Current at maximum wires	28 A	Standards	IEC 60947-7-1 (-7-2)
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		

Drawings



WDK 2.5N DU-PE

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Accessories

Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

General ordering data

Type	ZQV 2.5N/2 GE	Version
Order No.	1693800000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883621	
Qty.	60 ST	
Type	ZQV 2.5N/3 GE	Version
Order No.	1693810000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883645	
Qty.	60 ST	
Type	ZQV 2.5N/4 GE	Version
Order No.	1693820000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883652	
Qty.	60 ST	
Type	ZQV 2.5N/10 GE	Version
Order No.	1693880000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883720	
Qty.	20 ST	
Type	ZQV 2.5N/20 GE	Version
Order No.	1909000000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4032248535613	
Qty.	20 ST	

End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

General ordering data

Type	WAP WDK2.5/4 N	Version
Order No.	1084000000	End plate for terminals, dark beige, Height: 60 mm, Width: 1.5 mm.
GTIN (EAN)	4032248127351	V-0, Wemid, Snap-on: No
Qty.	20 ST	

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Accessories

Type	WAP WDK2.5/4 N BL	Version
Order No.	1084080000	End plate for terminals, blue, Height: 60 mm, Width: 1.5 mm, V-0,
GTIN (EAN)	4032248 127337	Wemid, Snap-on: No
Qty.	20 ST	
Type	WTW EN	Version
Order No.	1058800000	Partition plate (terminal), dark beige, Height: 86 mm, Width: 3 mm,
GTIN (EAN)	4008190140175	V-0, Wemid
Qty.	20 ST	

End bracket



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	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
GTIN (EAN)	4008190030230	
Qty.	50 ST	

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.	1000 ST	

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Accessories

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 ST	

Cross-connections



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General ordering data

Type	ZQV 2.5N/10 BL	Version
Order No.	1718070000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349684	
Qty.	20 ST	
Type	ZQV 2.5N/10 RT	Version
Order No.	1717980000	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190349677	
Qty.	20 ST	
Type	ZQV 2.5N/10 SW	Version
Order No.	1718160000	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4008190349691	
Qty.	20 ST	
Type	ZQV 2.5N/10 WS	Version
Order No.	1193340000	W-Series, Cross-connector, For the terminals, Number of poles: 10
GTIN (EAN)	4032248976355	
Qty.	20 ST	
Type	ZQV 2.5N/2 BL	Version
Order No.	1717990000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349295	
Qty.	60 ST	
Type	ZQV 2.5N/2 RT	Version
Order No.	1717900000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349288	
Qty.	60 ST	
Type	ZQV 2.5N/2 SW	Version
Order No.	1718080000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349301	
Qty.	60 ST	
Type	ZQV 2.5N/2 WS	Version
Order No.	1193260000	W-Series, Cross-connector, For the terminals, Number of poles: 2
GTIN (EAN)	4032248975846	
Qty.	60 ST	

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Accessories

Type	ZQV 2.5N/20 BL	Version
Order No.	1909140000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4032248535927	
Qty.	20 ST	
Type	ZQV 2.5N/20 RT	Version
Order No.	1909110000	W-Series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4032248535781	
Qty.	20 ST	
Type	ZQV 2.5N/20 SW	Version
Order No.	1909130000	W-Series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4032248535910	
Qty.	20 ST	
Type	ZQV 2.5N/20 WS	Version
Order No.	1193350000	W-Series, Cross-connector, For the terminals, Number of poles: 20
GTIN (EAN)	4032248975877	
Qty.	20 ST	
Type	ZQV 2.5N/3 BL	Version
Order No.	1718000000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349332	
Qty.	60 ST	
Type	ZQV 2.5N/3 RT	Version
Order No.	1717910000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190349318	
Qty.	60 ST	
Type	ZQV 2.5N/3 SW	Version
Order No.	1718090000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4008190349325	
Qty.	60 ST	
Type	ZQV 2.5N/3 WS	Version
Order No.	1193270000	W-Series, Cross-connector, For the terminals, Number of poles: 3
GTIN (EAN)	4032248975853	
Qty.	60 ST	
Type	ZQV 2.5N/4 BL	Version
Order No.	1718010000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349356	
Qty.	60 ST	
Type	ZQV 2.5N/4 RT	Version
Order No.	1717920000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190349349	
Qty.	60 ST	
Type	ZQV 2.5N/4 SW	Version
Order No.	1718100000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4008190349363	
Qty.	60 ST	
Type	ZQV 2.5N/4 WS	Version
Order No.	1193280000	W-Series, Cross-connector, For the terminals, Number of poles: 4
GTIN (EAN)	4032248976348	
Qty.	60 ST	
Type	ZQV 2.5N/5 BL	Version
Order No.	1718020000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349394	
Qty.	20 ST	

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Accessories

Type	ZQV 2.5N/5 GE	Version
Order No.	1693830000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883669	
Qty.	20 ST	
Type	ZQV 2.5N/5 RT	Version
Order No.	1717930000	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4008190349370	
Qty.	20 ST	
Type	ZQV 2.5N/5 SW	Version
Order No.	1718110000	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4008190349387	
Qty.	20 ST	
Type	ZQV 2.5N/5 WS	Version
Order No.	1193290000	W-Series, Cross-connector, For the terminals, Number of poles: 5
GTIN (EAN)	4032248976331	
Qty.	20 ST	
Type	ZQV 2.5N/50 BL	Version
Order No.	1718180000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349721	
Qty.	5 ST	
Type	ZQV 2.5N/50 GE	Version
Order No.	1693890000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883737	
Qty.	5 ST	
Type	ZQV 2.5N/50 RT	Version
Order No.	1718170000	W-Series, Cross-connector, For the terminals, Number of poles: 50
GTIN (EAN)	4008190349714	
Qty.	5 ST	
Type	ZQV 2.5N/50 SW	Version
Order No.	1718190000	W-Series, Cross-connector, For the terminals, Number of poles: 50
GTIN (EAN)	4008190349707	
Qty.	5 ST	
Type	ZQV 2.5N/6 BL	Version
Order No.	1718030000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349417	
Qty.	20 ST	
Type	ZQV 2.5N/6 GE	Version
Order No.	1693840000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883676	
Qty.	20 ST	
Type	ZQV 2.5N/6 RT	Version
Order No.	1717940000	W-Series, Cross-connector, For the terminals, Number of poles: 6
GTIN (EAN)	4008190349400	
Qty.	20 ST	
Type	ZQV 2.5N/6 SW	Version
Order No.	1718120000	W-Series, Cross-connector, For the terminals, Number of poles: 6
GTIN (EAN)	4008190349424	
Qty.	20 ST	
Type	ZQV 2.5N/6 WS	Version
Order No.	1193300000	W-Series, Cross-connector, For the terminals, Number of poles: 6
GTIN (EAN)	4032248975747	
Qty.	20 ST	

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Accessories

Type	ZQV 2.5N/7 BL	Version
Order No.	1718040000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349455	
Qty.	20 ST	
Type	ZQV 2.5N/7 GE	Version
Order No.	1693850000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883683	
Qty.	20 ST	
Type	ZQV 2.5N/7 RT	Version
Order No.	1717950000	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4008190349431	
Qty.	20 ST	
Type	ZQV 2.5N/7 SW	Version
Order No.	1718130000	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4008190349448	
Qty.	20 ST	
Type	ZQV 2.5N/7 WS	Version
Order No.	1193310000	W-Series, Cross-connector, For the terminals, Number of poles: 7
GTIN (EAN)	4032248975860	
Qty.	20 ST	
Type	ZQV 2.5N/8 BL	Version
Order No.	1718050000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349561	
Qty.	20 ST	
Type	ZQV 2.5N/8 GE	Version
Order No.	1693860000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883690	
Qty.	20 ST	
Type	ZQV 2.5N/8 RT	Version
Order No.	1717960000	W-Series, Cross-connector, For the terminals, Number of poles: 8
GTIN (EAN)	4008190349523	
Qty.	20 ST	
Type	ZQV 2.5N/8 SW	Version
Order No.	1718140000	W-Series, Cross-connector, For the terminals, Number of poles: 8
GTIN (EAN)	4008190349585	
Qty.	20 ST	
Type	ZQV 2.5N/8 WS	Version
Order No.	1193320000	W-Series, Cross-connector, For the terminals, Number of poles: 8
GTIN (EAN)	4032248975754	
Qty.	20 ST	
Type	ZQV 2.5N/9 BL	Version
Order No.	1718060000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190349660	
Qty.	20 ST	
Type	ZQV 2.5N/9 GE	Version
Order No.	1693870000	W-Series, Cross-connector, 24 A
GTIN (EAN)	4008190883706	
Qty.	20 ST	
Type	ZQV 2.5N/9 SW	Version
Order No.	1718150000	W-Series, Cross-connector, For the terminals, Number of poles: 9
GTIN (EAN)	4008190349653	
Qty.	20 ST	

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Accessories

Type	ZQV 2.5N/9 WS	Version
Order No.	1193330000	W-Series, Cross-connector, For the terminals, Number of poles: 9
GTIN (EAN)	4032248975761	
Qty.	20 ST	

Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 WS 10/5	Version
Order No.	1805490000	Accessories, Marker holder
GTIN (EAN)	4032248270231	
Qty.	100 ST	
Type	BZT 1 ZA WS 10/5	Version
Order No.	1805520000	Accessories, Marker holder
GTIN (EAN)	4032248270248	
Qty.	100 ST	

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 ST	