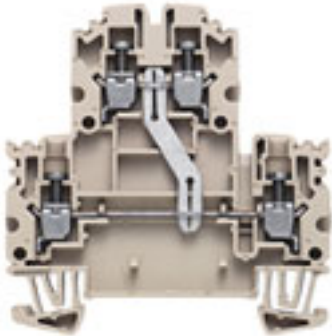


**W terminal feed-through terminal
WDK 2.5N V**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com



The WDK two-tier modular terminals can feed two potentials in one terminal. The type of cross-connection for potential distribution, which is either a screw (WQV) or plug-in version (ZQV), represents another distinguishing feature.

General ordering data

Order No.	1041610000
Type	WDK 2.5N V
Version	W terminal feed-through terminal, Feed-through terminal, Rated cross-section: 2.5 mm ² , Screw connection, Direct mounting
GTIN (EAN)	4032248138746
Qty.	100 pc(s).

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Technical data

Dimensions

Length	60.7 mm	Width	5.1 mm
Height	54.95 mm	Height of lowest version	62.45 mm

Temperatures

Operating temperature	Storage temperature
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Rated data IECEx/ATEX

Certificate No. (ATEX)	KEMA00ATEX2061U	ATEX certificate	KEMA00ATEX2061U_d.pdf
ATEX certificate	KEMA00ATEX2061U_e.pdf	IEC Ex certificate	IECEXULD05.0008U_e.pdf
max. voltage	550 V	Current (ATEX)	21 A
Wire cross section max. (ATEX)	2.5 mm ²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Marking ATEX Directive 94/9/EC	II 2 G D		Ex e II

Additional technical data

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

CSA ratings data

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

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min. 0.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. 2.5 mm ²
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Technical data**Clampable wires (rated connection)**

Type of connection	Screw connection	Stripping length	8 mm
Blade size	0.6 x 3.5 mm	Connection direction	on side
Number of connections	4	Clamping range, rated connection, min.	0.05 mm ²
Clamping range, rated connection, max.	4 mm ²	Clamping screw	M 2.5
Tightening torque, min.	0.4 Nm	Tightening torque, max.	0.6 Nm
Torque level with DMS electric screwdriver	1	Gauge to IEC 60947-1	A3
Wire connection cross section, solid core, max. rated connection	0.5 mm ²	Wire connection cross section, solid core max. rated connection	4 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	4 mm ²
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, rated connection, min.	0.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	2.5 mm ²
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	0.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	2.5 mm ²
Wire connection cross section AWG, min.	AWG 30	Wire connection cross section AWG, max.	AWG 12

Rated data

Rated cross-section	2.5 mm ²	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	24 A
Current at maximum wires	28 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693VOL1SEC38	Voltage size C (UR)	600 V
Current size C (UR)	20 A	Conductor size Factory wiring max. (UR)	12 AWG
Conductor size Factory wiring min. (UR)	26 AWG	Conductor size Field wiring max. (UR)	12 AWG

Material data

Material	Wemid	Colour	beige
Flammability class UL 94	V-0		

System specifications

Product family	W terminal feed-through terminal	Type of connection	Screw connection
Connection direction	on side	Number of levels	2
Number of connections	4	No. of clamping points per level	2
Levels cross-connected internally	Yes	End cover plate required	Yes

Classifications

ETIM 2.0	EC000897	ETIM 3.0	EC000897
ETIM 4.0	EC000897	UNSPSC	30-21-18-11
eClass 4.1	27-14-11-20	eClass 5.1	27-14-11-20
eClass 6.0	27-14-11-20		

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Technical data**Approvals**

Approvals

**Product information**

Note, technical data

When using the cross-connection ZQV, the rated voltage is reduced to 400 V.

Data sheet...

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Drawings

