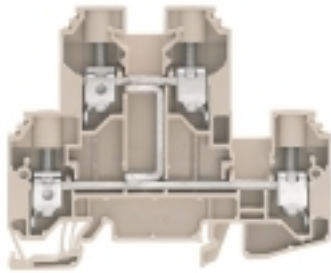


## W-Series WDK 10 V

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 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

Type	WDK 10 V
Order No.	<a href="#">1186770000</a>
Version	W-Series, Feed-through terminal, Double-tier terminal, Rated cross-section: 10 mm <sup>2</sup> , Screw connection, Direct mounting
GTIN (EAN)	4050118024647
Qty.	50 pc(s).

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## Technische Daten

### Dimensions and weights

Length	85 mm	Width	9.9 mm
Height	69 mm	Height of lowest version	69.5 mm
Net weight	44.2 g		

### Temperatures

Operating temperature		Storage temperature	
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

### Additional technical data

Installation advice	Direct mounting	Open sides	right
Type of mounting		Version	Screw connection, Double terminal, Vertically cross-connected, for screwable cross-connection, One end without connector
	TS 35		

### CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size B (CSA)	600 V
Voltage size C (CSA)	600 V	Voltage size D (CSA)	600 V
Current size B (CSA)	49 A	Current size C (CSA)	49 A
Current size D (CSA)	5 A	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	18 AWG		

### Clampable wires (rated connection)

Type of connection	Screw connection	Stripping length	12 mm
Blade size	1.0 x 5.5 mm	Connection direction	on side
Number of connections	4	Clamping range, rated connection, min.	1.5 mm <sup>2</sup>
Clamping range, rated connection, max.	16 mm <sup>2</sup>	Clamping screw	M 4
Tightening torque, min.	1.5 Nm	Tightening torque, max.	1.8 Nm
Gauge to IEC 60947-1	B6	Wire connection cross section, solid core, max. rated connection	1.5 mm <sup>2</sup>
Wire connection cross section, solid core max. rated connection	16 mm <sup>2</sup>	Wire connection cross section, stranded, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross section, stranded, rated connection, max.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	16 mm <sup>2</sup>	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	16 mm <sup>2</sup>	Twin wire-end ferrules, min.	1.5 mm <sup>2</sup>
Twin wire-end ferrules, max.	6 mm <sup>2</sup>	Wire connection cross section AWG, min.	AWG 16
Wire connection cross section AWG, max.	AWG 6		

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**Technische Daten**

**Rated data**

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	800 V
Rated impulse withstand voltage	8 kV	Rated current	57 A
Current at maximum wires	73 A	Standards	IEC 60947-7-1
Pollution severity	3	Surge voltage category	III

**UL ratings data**

Certificate No. (UR)	E60693	Voltage size B (UR)	600 V
Voltage size C (UR)	600 V	Voltage size D (UR)	600 V
Current size B (UR)	49 A	Current size C (UR)	49 A
Current size D (UR)	5 A	Wire cross section max. (UR)	6 AWG
Wire cross section min. (UR)	18 AWG	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	18 AWG	Conductor size Field wiring max. (UR)	6 AWG

**Material data**

Material	Wemid	Colour	Dark Beige
UL 94 flammability rating	V-0		

**System specifications**

Product family	W-Series	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	Mounting rail	TS 35
End cover plate required	Yes		

**Classifications**

ETIM 3.0	EC000897	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20		

**Approvals**

Approvals



ROHS

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