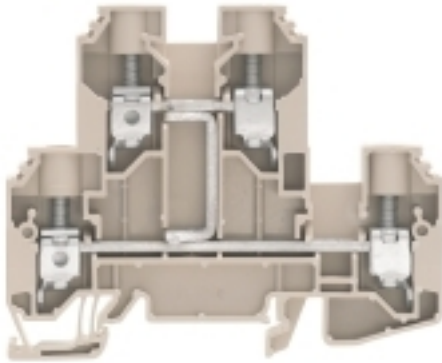


W-Series
WDK 10 V

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 1429-0
 Fax: +49 5231 14292083
 www.weidmueller.com


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 10 V
Order No.	1186770000
Version	Feed-through terminal, Double-tier terminal, Screw connection, 10 mm ² , 800 V, 57 A, Dark Beige
GTIN (EAN)	4050118024647
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Width	9.9 mm	Width (inches)	0.39 inch
Height	85 mm	Height (inches)	3.346 inch
Depth	69 mm	Depth (inches)	2.717 inch
Depth including DIN rail	69.5 mm	Net weight	42.88 g

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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Material data

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

System specifications

Version	Screw connection, Double terminal, Vertically cross-connected, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	2
No. of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Open sides	right	Type of mounting	Snap-on
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CSA rating data

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

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Technical data
Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm	Clamping range, rated connection, max.	16 mm ²
Clamping range, rated connection, min.	1.5 mm ²	Clamping screw	M 4
Connection direction	on side	Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm ²
Gauge to IEC 60947-1	B6	Number of connections	4
Stripping length	12 mm	Tightening torque, max.	1.9 Nm
Tightening torque, min.	1.2 Nm	Twin wire-end ferrules, max.	6 mm ²
Twin wire-end ferrules, min.	1.5 mm ²	Type of connection	Screw connection
Wire connection cross section AWG, max.	AWG 6	Wire connection cross section AWG, min.	AWG 16
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	16 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1.5 mm ²
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, solid core, min. rated connection	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	16 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	16 mm ²
Wire connection cross-section, finely stranded, min.	1.5 mm ²		

Rating data

Rated cross-section	10 mm ²	Rated voltage	800 V
Rated current	57 A	Current at maximum wires	73 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3
Surge voltage category	III		

UL rating data

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

Classifications

ETIM 3.0	EC000897	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
eClass 6.2	27-14-11-20	eClass 7.1	27-14-11-20
eClass 8.1	27-14-11-20	eClass 9.0	27-14-11-20
eClass 9.1	27-14-11-20		

Product information

Descriptive text accessories Cross-connections, see section "W series accessories".

Creation date September 25, 2017 8:09:28 PM CEST

Catalogue status 08.09.2017 / We reserve the right to make technical changes.

Data sheet**W-Series
WDK 10 V**

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Technical data**Approvals**

Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[DE_PT1001_20160414_103_ISSUE01.pdf](#)

Brochure/Catalogue

[CAT 1 TERM 16/17 EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)**Safety note**

Safety notice

[Safety Information](#)

Data sheet

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Drawings

