

**W-Series
WDK 10 V****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

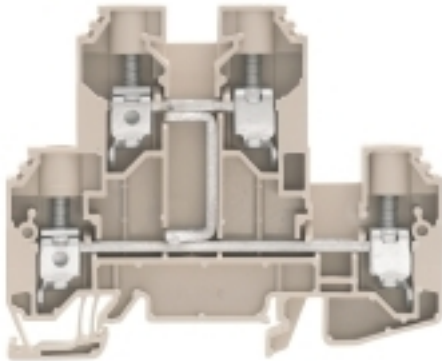
D-32758 Detmold

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**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 mm², 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, min.	1.5 mm ²
Connection direction	on side
Gauge to IEC 60947-1	B6
Stripping length	12 mm
Tightening torque, min.	1.2 Nm
Twin wire-end ferrules, min.	1.5 mm ²
Wire connection cross section AWG, max.	AWG 6
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, max.	16 mm ²
Wire connection cross section, solid core, min. rated connection	1.5 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²
Wire connection cross-section, finely stranded, min.	1.5 mm ²

Clamping range, rated connection, max.	16 mm ²
Clamping screw	M 4
Cross-section for connected conductor, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, min.	1.5 mm ²
Number of connections	4
Tightening torque, max.	1.9 Nm
Twin wire-end ferrules, max.	6 mm ²
Type of connection	Screw connection
Wire connection cross section AWG, min.	AWG 16
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, min.	1.5 mm ²
Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, stranded, rated connection, max.	16 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules and plastic collars DIN 46228/4, rated connection, max.	16 mm ²

Rating data

Rated cross-section	10 mm ²
Rated current	57 A
Standards	IEC 60947-7-1
Rated impulse withstand voltage	8 kV
Surge voltage category	III

Rated voltage	800 V
Current at maximum wires	73 A
Volume resistance according to IEC 60947-7-x	0.56 mΩ
Pollution severity	3

UL rating data

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

Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Field wiring max. (UR)	6 AWG
Current size B (UR)	49 A
Current size D (UR)	5 A
Voltage size C (UR)	600 V
Wire cross section max. (UR)	6 AWG

Classifications

ETIM 3.0	EC000897
ETIM 5.0	EC000897
eClass 6.2	27-14-11-20
eClass 8.1	27-14-11-20
eClass 9.1	27-14-11-20

ETIM 4.0	EC000897
ETIM 6.0	EC000897
eClass 7.1	27-14-11-20
eClass 9.0	27-14-11-20

Product information

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

Approvals

Approvals



ROHS

Conform

Downloads

Approval/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](#)

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Drawings

