

**W-Series
WNT 10 10X3**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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**Building installation wiring**

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

General ordering data

Type	WNT 10 10X3
Order No.	1010980000
Version	Neutral conductor disconnect terminal, Busbar connection, 10 mm ² , 400 V, 57 A, sliding, Blue
GTIN (EAN)	4008190153540
Qty.	50 pc(s).

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Technical data
Dimensions and weights

Width	9.9 mm	Width (inches)	0.39 inch
Height	60 mm	Height (inches)	2.362 inch
Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Weight	24.28 g
Net weight	23.78 g		

Temperatures

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

Material	Wemid	Colour	Blue
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, with busbar connection 10x3, One end without connector	Tightening torque (clamping screw for copper conductors)	1.2...2 Nm
End cover plate required	Yes	Number of potentials	1
Number of levels	1	No. of clamping points per level	1
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35
N-function	Yes	PE function	No
PEN function	No		

Additional technical data

Explosion-tested version	No	Installation advice	Busbar
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1057876	Current size C (CSA)	50 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	16 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm ²
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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.	1.31 mm ²	Clamping screw	M 4
Connection direction	on side	Gauge to IEC 60947-1	B6
Number of connections	1	Stripping length	12 mm
Tightening torque, max.	2 Nm	Tightening torque, min.	1.2 Nm
Torque level with DMS electric screwdriver	4	Type of connection	Busbar connection
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, min.	1.5 mm ²

Disconnect terminals

Cross-disconnect	without	For N-busbar	10 x 3 mm
Slitting	sliding		

PE rating data

PEN function	No
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Rating data

Rated cross-section	10 mm ²	Rated voltage	400 V
Rated current	57 A	Current at maximum wires	76 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Rated impulse withstand voltage	6 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	16 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	16 AWG	Current size C (UR)	60 A
Voltage size C (UR)	600 V		

Classifications

ETIM 3.0	EC001257	ETIM 4.0	EC001257
ETIM 5.0	EC001257	ETIM 6.0	EC000902
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-38
eClass 6.2	27-14-11-38	eClass 7.1	27-14-11-38
eClass 8.1	27-14-11-38	eClass 9.0	27-14-11-38
eClass 9.1	27-14-11-26		

Product information

Descriptive text technical data	Tightening torque, N-isolator 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.
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Data sheet**W-Series
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Technical data**Approvals**

Approvals



ROHS

Conform

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Approval/Certificate/Document of Conformity	DE_PT1003_20160418_925_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD_Zuken E3.S
Engineering Data	1010980000_08994_WNT_10_10X3_STP.stp

Safety note

Safety notice	Safety Information
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Drawings

