

**W-Series
WNT 6 10X3****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

**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 6 10X3
Order No.	1010880000
Version	Neutral conductor disconnect terminal, Busbar connection, 6 mm ² , 400 V, 41 A, sliding, Blue
GTIN (EAN)	4008190105969
Qty.	50 pc(s).

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Technical data**Dimensions and weights**

Width	7.9 mm	Width (inches)	0.311 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	20.76 g
Net weight	20.66 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)	0.8...1.2 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)	35 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	26 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	6 mm ²
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Technical data**Conductors for clamping (rated connection)**

Blade size	4.0 x 0.8 mm	Clamping range, rated connection, max.	10 mm ²
Clamping range, rated connection, min.	0.5 mm ²	Clamping screw	M 3.5
Connection direction	on side	Gauge to IEC 60947-1	A5
Number of connections	1	Stripping length	12 mm
Tightening torque, max.	1.2 Nm	Tightening torque, min.	0.8 Nm
Torque level with DMS electric screwdriver	3	Type of connection	Busbar connection
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, rated connection, max.	6 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, max.	10 mm ²	Wire connection cross section, solid core max. rated connection	10 mm ²
Wire connection cross section, solid core, min. rated connection	0.5 mm ²	Wire connection cross section, stranded, rated connection, max.	10 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross-section, finely stranded, min.	0.5 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	6 mm ²	Rated voltage	400 V
Rated current	41 A	Current at maximum wires	57 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.78 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)	20 AWG	Conductor size Field wiring max. (UR)	8 AWG
Conductor size Field wiring min. (UR)	20 AWG	Current size C (UR)	45 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
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Catalogue status 12.01.2018 / We reserve the right to make technical changes.

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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_932_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN_WSCAD_Zuken E3.S
Engineering Data	1010880000_08993_WNT_6_10X3_STP.stp

Safety note

Safety notice	Safety Information
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Drawings

