

**W-Series  
WNT 10 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



The versatile and extensive range of products - from 0.05 mm<sup>2</sup> to 300 mm<sup>2</sup> - means that you have diverse options for your applications at your disposal. Hardened steel for mechanical strength and high-quality tinned copper for optimum conductivity. All materials comply with RoHS requirements and have been tested to current environment guidelines.

**General ordering data**

Type	WNT 10 10X3
Order No.	<a href="#">1010980000</a>
Version	W-Series, Neutral conductor disconnect terminal, Rated cross-section: 10 mm <sup>2</sup> , Busbar connection, Busbar
GTIN (EAN)	4008190153540
Qty.	50 pc(s).

## W-Series WNT 10 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

## Technical data

### Dimensions and weights

Width	9.9 mm	Height	60 mm
Depth	46.5 mm	Weight	24.28 g
Net weight	23.78 g		

### Temperatures

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

### Additional technical data

Explosion-tested version	No	Installation advice	Busbar
Number of similar terminals	1	Open sides	right
Type of mounting	Snap-on	Version	Screw connection, with busbar connection 10x3, One end without connector

### CSA ratings data

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

### Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	1.5 mm <sup>2</sup>	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm <sup>2</sup>
---	---------------------	---	--------------------

### Clampable wires (rated connection)

Type of connection	Busbar connection	Stripping length	12 mm
Blade size	1.0 x 5.5 mm	Connection direction	on side
Number of connections	1	Clamping range, rated connection, min.	1.31 mm <sup>2</sup>
Clamping range, rated connection, max.	16 mm <sup>2</sup>	Clamping screw	M 4
Tightening torque, min.	1.2 Nm	Tightening torque, max.	2 Nm
Torque level with DMS electric screwdriver	4	Gauge to IEC 60947-1	B6
Wire connection cross section, solid core, min. 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>

### N-conductor disconnect terminal

For N-busbar	10 x 3 mm
--------------	-----------

## W-Series WNT 10 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

## Technical data

### Rated data

Rated cross-section	10 mm <sup>2</sup>	Rated voltage	400 V
Rated impulse withstand voltage	6 kV	Rated current	57 A
Current at maximum wires	76 A	Standards	IEC 60947-7-1
Pollution severity	3		

### UL ratings data

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

### Material data

Material	Wemid	Colour	Blue
UL 94 flammability rating	V-0		

### System specifications

Product family	W-Series	Type of connection	Busbar connection
Connection direction	on side	Number of levels	1
Number of connections	1	No. of clamping points per level	1
Levels cross-connected internally	No	Mounting rail	TS 35
End cover plate required	Yes	PE connection	No

### Classifications

ETIM 3.0	EC001257	ETIM 4.0	EC001257
ETIM 5.0	EC001257	ETIM 6.0	EC001257
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	27141138	eClass 9.0	27141138

### 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.
---------------------------------	---

### Approvals

Approvals



ROHS	Conform
------	---------

### Downloads

STEP	<a href="#">1010980000_08994_WNT_10_10X3_STP.stp</a>
------	--

**Data sheet**

**W-Series**  
**WNT 10 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](http://www.weidmueller.com)

**Drawings**

