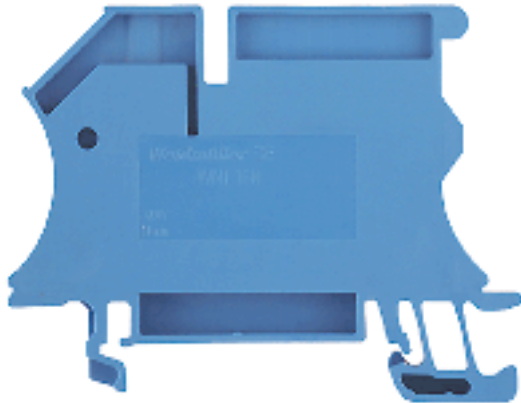


W-Series WNT 16N 10X3

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 mm² to 300 mm² - 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 16N 10X3
Order No.	1019000000
Version	W-Series, Neutral conductor disconnect terminal, Rated cross-section: 16 mm ² , Busbar connection, Direct mounting
GTIN (EAN)	4008190273231
Qty.	50 pc(s).

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Technische Daten

Dimensions and weights

Length	60 mm	Width	12 mm
Height	46.5 mm	Height of lowest version	47 mm
Net weight	29.6 g		

Temperatures

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

Additional technical data

Explosion-tested version	No	Installation advice	Direct mounting
Number of similar terminals	1	Open sides	closed
Type of mounting	Snap-on	Version	Screw connection, with busbar connection 10x3, closed

CSA ratings data

Certificate No. (CSA)	200039-1057876	Voltage size C (CSA)	300 V
Current size C (CSA)	65 A	Wire cross section max. (CSA)	6 AWG
Wire cross section min. (CSA)	14 AWG		

Clampable wires (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, min.	1.5 mm ²	Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm ²
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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.	1.5 mm ²
Clamping range, rated connection, max.	25 mm ²	Clamping screw	M 4
Tightening torque, min.	1.2 Nm	Tightening torque, max.	2.2 Nm
Torque level with DMS electric screwdriver	4	Gauge to IEC 60947-1	B7
Wire connection cross section, solid core, max. rated connection	1.5 mm ²	Wire connection cross section, solid core max. rated connection	16 mm ²
Wire connection cross section, stranded, rated connection, min.	1.5 mm ²	Wire connection cross section, stranded, rated connection, max.	25 mm ²
Wire connection cross section, finely stranded, max.	16 mm ²	Wire connection cross-section, finely stranded, min.	1.5 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 with wire-end ferrules DIN 46228/1, rated connection, max.	16 mm ²

N-conductor disconnect terminal

For N-busbar	10 x 3 mm
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Datenblatt

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Technische Daten

Rated data

Rated cross-section	16 mm ²	Rated voltage	400 V
Rated impulse withstand voltage	6 kV	Rated current	76 A
Current at maximum wires	101 A	Standards	IEC 60947-7-1
Pollution severity	3		

UL ratings data

Certificate No. (UR)	E60693	Voltage size C (UR)	300 V
Current size C (UR)	65 A	Conductor size Factory wiring max. (UR)	6 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	6 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	End cover plate required	No

Classifications

ETIM 3.0	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		

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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Approvals

Approvals



ROHS	Conform
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Downloads

STEP	101900000_21922_WNT_16N_10X3_STP.stp
3D Modell	

Datenblatt

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WNT 16N 10X3

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Zeichnungen

