

**WNT 16N 10X3****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image****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**

Version	Neutral conductor modular terminal, Screw connection, 16, 400 V, 76 A, TS 35, blue
Order No.	<a href="#">1019000000</a>
Type	WNT 16N 10X3
GTIN (EAN)	4008190273231
Qty.	50 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

## Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.8307 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.3622 inch	Width	12 mm
Width (inches)	0.4724 inch	Net weight	29.12 g

## Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

## Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

## Material data

Basic material	Wemid	Colour	blue
UL 94 flammability rating	V-0		

## System specifications

Version	Screw connection, with busbar connection 10x3, in closed state	End cover plate required	No
Number of potentials	1	Number of levels	1
Number 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

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

## CSA rating data

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

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**Technical data**

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm <sup>2</sup>	Connection type, additional connection	Busbar connection
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**Conductors for clamping (rated connection)**

Gauge to IEC 60947-1	B7
Wire connection cross section AWG, max.	AWG 6
Connection direction	on side
Tightening torque, max.	2.2 Nm
Tightening torque, min.	1.2 Nm
Stripping length	12 mm
Type of connection	Screw connection
Number of connections	1
Clamping range, max.	25 mm <sup>2</sup>
Clamping range, min.	1.5 mm <sup>2</sup>
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Wire connection cross section AWG, min.	AWG 14
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	16 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 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>
Connection cross-section, stranded, max.	25 mm <sup>2</sup>
Connection cross-section, stranded, min.	1.5 mm <sup>2</sup>
Torque level with DMS electric screwdriver	4
Wire connection cross-section, solid core, max.	16 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	1.5 mm <sup>2</sup>

Clampable conductor	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U		
		min.	1.5 mm <sup>2</sup>		
		max.	16 mm <sup>2</sup>		
		nominal	16 mm <sup>2</sup>		
	wire end ferrule	Stripping length	min.	12 mm	
			max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	1.2 Nm	
			max.	2.2 Nm	
Connection specification		Screw connection			
Cross-section for conductor connection	Type	stranded, H07V-R			

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## Technical data

		min.	1.5 mm <sup>2</sup>
		max.	25 mm <sup>2</sup>
		nominal	16 mm <sup>2</sup>
wire end ferrule	Stripping length	min.	12 mm
		max.	12 mm
		nominal	12 mm
	Tightening torque	min.	1.2 Nm
		max.	2.2 Nm
Connection specification		Screw connection	
Cross-section for conductor connection	Type	flexible, H05(07) V-K	
	min.	1.5 mm <sup>2</sup>	
	max.	16 mm <sup>2</sup>	
	nominal	16 mm <sup>2</sup>	
wire end ferrule	Stripping length	min.	12 mm
		max.	12 mm
		nominal	12 mm
	Tightening torque	min.	1.2 Nm
		max.	2.2 Nm

### General

Wire connection cross section AWG, max.	AWG 6	Installation advice	Busbar
Wire connection cross section AWG, min.	AWG 14	Standards	In accordance with IEC 60947-7-1
Mounting rail	TS 35		

### Rating data

Rated cross-section	16 mm <sup>2</sup>	Rated voltage	400 V
Rated DC voltage	400 V	Nominal current	76 A
Current at maximum wires	101 A	Standards	In accordance with IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.42 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	2.43 W	Pollution severity	3

### UL rating data

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

### Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-11
ECLASS 15.0	27-25-01-11		

**Drawings**

