

**WNT 70N/35****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

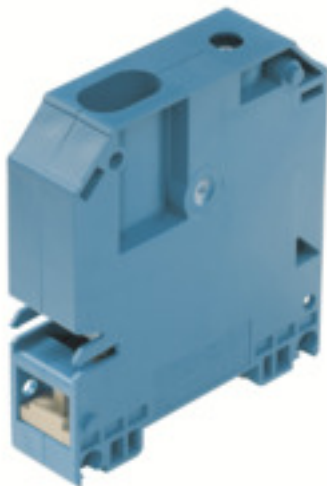
32760 Detmold

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**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 disconnect terminal, Screw connection, Busbar connection, 70 mm <sup>2</sup> , 400 V, 140 A, sliding, blue
Order No.	<a href="#">9512210000</a>
Type	WNT 70N/35
GTIN (EAN)	4008190403898
Qty.	10 pc(s).

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## Technical data

## Dimensions and weights

Depth	85 mm	Depth (inches)	3.346 inch
Depth including DIN rail	86 mm	Height	75 mm
Height (inches)	2.953 inch	Width	20.5 mm
Width (inches)	0.807 inch	Net weight	138.4 g

## Temperatures

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

## Material data

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
Rail	TS 35	N-function	Yes
PE function	No	PEN function	No

## 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Cross-section for connected wire, stranded, two clampable wires, max.	16 mm <sup>2</sup>	Cross-section for connected wire, stranded, two clampable wires, min.	16 mm <sup>2</sup>
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	16 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	16 mm <sup>2</sup>
Wire connection cross section, finely stranded, two clampable wires, min.	16 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	16 mm <sup>2</sup>

## Additional technical data

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

## Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	70 mm <sup>2</sup>
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## Conductors for clamping (rated connection)

Blade size	S6 (DIN 6911)
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**Technical data**

Clampable conductor	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U		
		min.	10 mm <sup>2</sup>		
		max.	95 mm <sup>2</sup>		
	wire end ferrule	Stripping length	min.	22 mm	
			max.	22 mm	
			nominal	22 mm	
	Tightening torque	min.	6 Nm		
		max.	12 Nm		
	Recommended wire-end ferrule				
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R		
min.		10 mm <sup>2</sup>			
max.		95 mm <sup>2</sup>			
nominal		70 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	22 mm		
		max.	22 mm		
		nominal	22 mm		
	Tightening torque	min.	6 Nm		
max.		12 Nm			
Recommended wire-end ferrule					
Connection specification		Screw connection			
Cross-section for conductor connection	Type	flexible, H05(07) V-K			
	min.	10 mm <sup>2</sup>			
	max.	70 mm <sup>2</sup>			
	nominal	70 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	22 mm		
		max.	22 mm		
		nominal	22 mm		
	Tightening torque	min.	6 Nm		
max.		12 Nm			
Recommended wire-end ferrule					
Clamping range, max.	95 mm <sup>2</sup>				
Clamping range, min.	10 mm <sup>2</sup>				
Clamping screw	M 8				
Connection cross-section, stranded, max.	95 mm <sup>2</sup>				
Connection cross-section, stranded, min.	10 mm <sup>2</sup>				
Connection direction	on side				
Gauge to IEC 60947-1	B11				
Number of connections	1				
Stripping length	22 mm				
Tightening torque, max.	12 Nm				
Tightening torque, min.	6 Nm				
Type of connection	Screw connection, Busbar connection				
Wire connection cross section, finely stranded, max.	70 mm <sup>2</sup>				
Wire connection cross section, finely stranded, min.	10 mm <sup>2</sup>				
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm <sup>2</sup>				
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm <sup>2</sup>				

Creation date February 28, 2023 1:37:59 PM CET

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## Technical data

Wire connection cross-section, solid core, max. 16 mm<sup>2</sup>Wire connection cross-section, solid core, min. 10 mm<sup>2</sup>

## General

Installation advice	Busbar	Rail	TS 35
Standards	In accordance with IEC 60947-7-1		

## Rating data

Rated cross-section	70 mm <sup>2</sup>	Rated voltage	400 V
Rated current	140 A	Current at maximum wires	140 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.17 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	6.14 W
Pollution severity	3		

## UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	00 AWG
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	00 AWG
Conductor size Field wiring min. (UR)	6 AWG	Current size C (UR)	175 A
Voltage size C (UR)	600 V		

## Classifications

ETIM 6.0	EC000902	ETIM 7.0	EC000902
ETIM 8.0	EC000902	ECLASS 9.0	27-14-11-26
ECLASS 9.1	27-14-11-26	ECLASS 10.0	27-14-11-26
ECLASS 11.0	27-14-11-26	ECLASS 12.0	27-14-11-26

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (UR)	E60693

**Data sheet**

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**Technical data**

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">EAC certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">CE Declaration of Conformity all terminals</a> <a href="#">UKCA declaration of conformity</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

