

WNT 35N 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 disconnect terminal, Screw connection, Busbar connection, 35 mm ² , 400 V, 125 A, sliding, blue
Order No.	1718550000
Type	WNT 35N 10X3
GTIN (EAN)	4008190362430
Qty.	20 pc(s).

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Technical data

Dimensions and weights

Depth	50.5 mm	Depth (inches)	1.988 inch
Depth including DIN rail	51 mm	Height	66 mm
Height (inches)	2.598 inch	Width	16 mm
Width (inches)	0.63 inch	Net weight	63,9 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 ²	Cross-section for connected wire, stranded, two clampable wires, min.	16 mm ²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	16 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	2.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	4 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	16 mm ²

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.	35 mm ²
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Conductors for clamping (rated connection)

Blade size	6.5 x 1.2 mm
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Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	2.5 mm ²	
		max.	16 mm ²	
		nominal	16 mm ²	
	wire end ferrule	Stripping length	min.	18 mm
			max.	18 mm
			nominal	18 mm
		Tightening torque	min.	4 Nm
	max.		5 Nm	
	Recommended wire-end ferrule			
	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
		min.	2.5 mm ²	
		max.	50 mm ²	
nominal		35 mm ²		
wire end ferrule	Stripping length	min.	18 mm	
		max.	18 mm	
		nominal	18 mm	
	Tightening torque	min.	4 Nm	
max.		5 Nm		
Recommended wire-end ferrule				
Connection specification		Screw connection		
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	2.5 mm ²		
	max.	35 mm ²		
	nominal	235 mm ²		
wire end ferrule	Stripping length	min.	18 mm	
		max.	18 mm	
		nominal	18 mm	
	Tightening torque	min.	4 Nm	
max.		5 Nm		
Recommended wire-end ferrule				
Clamping range, max.	50 mm ²			
Clamping range, min.	2.5 mm ²			
Clamping screw	M 6			
Connection cross-section, stranded, max.	50 mm ²			
Connection cross-section, stranded, min.	2.5 mm ²			
Connection direction	on side			
Gauge to IEC 60947-1	B8			
Number of connections	1			
Stripping length	18 mm			
Tightening torque, max.	5 Nm			
Tightening torque, min.	4 Nm			
Type of connection	Screw connection, Busbar connection			
Wire connection cross section, finely stranded, max.	35 mm ²			
Wire connection cross section, finely stranded, min.	2.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm ²			

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Wire connection cross-section, solid core, max. 16 mm²

Wire connection cross-section, solid core, min. 2.5 mm²

General

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

Rating data

Rated cross-section	35 mm ²	Rated voltage	400 V
Rated current	125 A	Current at maximum wires	140 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	4 W
Pollution severity	3		

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

Approvals

Approvals



ROHS Conform

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Approval/Certificate/Document of Conformity	EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel_WDL.pdf StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

