

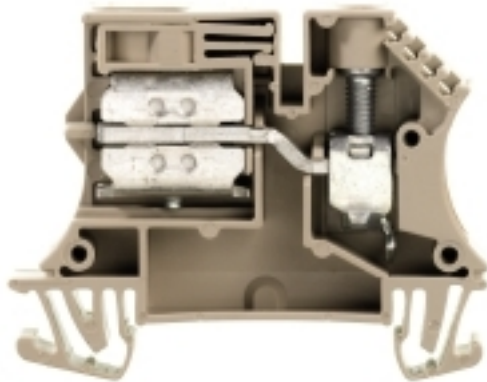
WNT 10 10X3 BE**Weidmüller Interface GmbH & Co. KG**

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, 10 mm ² , 400 V, 57 A, sliding, dark beige
Order No.	1010900000
Type	WNT 10 10X3 BE
GTIN (EAN)	4008190163051
Qty.	50 pc(s).

Creation date March 3, 2023 11:34:10 AM CET

Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	60 mm
Height (inches)	2.362 inch	Width	9.9 mm
Width (inches)	0.39 inch	Net weight	23.74 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	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, with busbar connection 10x3, One end without connector	End cover plate required	Yes
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)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	6 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	1 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	1 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	6 mm ²

Additional technical data

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

CSA rating data

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

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.	16 mm ²
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Conductors for clamping (rated connection)

Blade size	1.0 x 5.5 mm
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Technical data

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	1.5 mm ²	
		max.	16 mm ²	
		nominal	10 mm ²	
	wire end ferrule	Stripping length	min.	12 mm
			max.	12 mm
			nominal	12 mm
		Tightening torque	min.	1.2 Nm
	max.		2 Nm	
	Recommended wire-end ferrule			
	Connection specification		Screw connection	
Cross-section for conductor connection	Type	stranded, H07V-R		
	min.	1.5 mm ²		
	max.	16 mm ²		
	nominal	10 mm ²		
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Tightening torque	min.	1.2 Nm	
max.		2 Nm		
Recommended wire-end ferrule				
Connection specification		Screw connection		
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	1.5 mm ²		
	max.	16 mm ²		
	nominal	10 mm ²		
wire end ferrule	Stripping length	min.	12 mm	
		max.	12 mm	
		nominal	12 mm	
	Tightening torque	min.	1.2 Nm	
max.		2 Nm		
Recommended wire-end ferrule				
Clamping range, max.	16 mm ²			
Clamping range, min.	1.31 mm ²			
Clamping screw	M 4			
Connection cross-section, stranded, max.	16 mm ²			
Connection cross-section, stranded, min.	1.5 mm ²			
Connection direction	on side			
Gauge to IEC 60947-1	B6			
Number of connections	1			
Stripping length	12 mm			
Tightening torque, max.	2 Nm			
Tightening torque, min.	1.2 Nm			
Torque level with DMS electric screwdriver	4			
Type of connection	Screw connection, Busbar connection			
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, max.	16 mm ²			

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	1.5 mm ²
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Wire connection cross-section, solid core, max.	16 mm ²
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Wire connection cross-section, solid core, min.	1.5 mm ²
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General

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

Rating data

Rated cross-section	10 mm ²	Rated voltage	400 V
Rated current	57 A	Current at maximum wires	76 A
Standards	In accordance with IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.56 mΩ
Rated impulse withstand voltage	6 kV	Power loss in accordance with IEC 60947-7-x	1.82 W
Pollution severity	3		

UL rating data

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

Approvals

Approvals



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

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

Data sheet

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Drawings

