WNT 35N 10X3

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, Busbar connection, 35, 400 V, 125 A, TS 35, blue
Order No.	1718550000
Type	WNT 35N 10X3
GTIN (EAN)	4008190362430
Qty.	20 pc(s).

Creation date July 5, 2024 3:26:09 AM CEST

WNT 35N 10X3

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 mm²	Cross-section for connected wire, stranded, two clampable wires, min.	16 mm²
Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	16 mm²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	2.5 mm²
Wire connection cross section, finely stranded, two clampable wires, min.	4 mm²	Wire cross-section, finely stranded, two clampable wires, max.	16 mm²

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 mm²

Conductors for clamping (rated connection)

Blade size	6.5 x 1.2 mm

Creation date July 5, 2024 3:26:09 AM CEST

WNT 35N 10X3

Technical data

Clampable conductor	Connection specification	Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
		min.	2.5 mm²	
		max.	16 mm²	
		nominal	16 mm²	
	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 mm²	
		max.	50 mm²	
		nominal	35 mm²	
	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 mm²	
		max.	35 mm²	
		nominal	235 mm²	
	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 mm²
Clamping range, min.	2.5 mm²
Clamping screw	M 6
Connection cross-section, stranded, max.	50 mm²
Connection cross-section, stranded, min.	2.5 mm²
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 mm²
Wire connection cross section, finely stranded, min.	2.5 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	35 mm²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm²

Creation date July 5, 2024 3:26:09 AM CEST

Weidmüller

WNT 35N 10X3

Technical data

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 mm²	Rated voltage	400 V
Rated DC 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	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-11

Environmental Product Compliance

REACH SVHC	/

Approvals

|	
Approvals	CE UKCA
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity
	UKCA declaration of conformity
	Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
Engineering Data	Zuken E3.S
User Documentation	Beipackzettel_WDL.pdf
	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

WNT 35N 10X3

Drawings

NT

Creation date July 5, 2024 3:26:09 AM CEST

Catalogue status 29.06.2024 / We reserve the right to make technical changes.

5
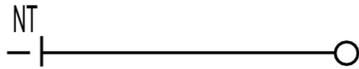
WNT 35N 10X3

Accessories

Slotted screwdriver
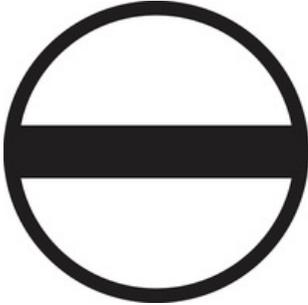
Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type	SDS 1.0X5.5X150	Version	
Order No.	9008350000	Screwdriver, Screwdriver	
GTIN (EAN)	4032248056316		
Qty.	1 pc(s).		

Blank

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/5 MC NE WS	Version	
Order No.	1609801044	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190397111	Weidmueller, white	
Qty.	1,000 pc(s).		

Creation date July 5, 2024 3:26:09 AM CEST

WNT 35N 10X3

Accessories

Combined screwing and cutting tool "Swifty®"

Combined cutting/screwing tool: Swifty® and Swifty® set for clean cutting of copper cables up to 1.5 mm² (solid) and 2.5 mm² (flexible)

General ordering data

Type	SWIFTY SET	Version	
Order No.	9006060000	Cutting and screwing-tool, Cutting tool for one-hand operation	
GTIN (EAN)	4032248257638		
Qty.	1 pc(s).		

ZGB pivotable group tag holder

The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.
The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.
Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	ZGB 30	Version	
Order No.	1611930000	Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190002251	Weidmueller, white	
Qty.	20 pc(s).		
Type	ZGB 15	Version	
Order No.	1636530000	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00	
GTIN (EAN)	4008190297053	Weidmueller, white	
Qty.	20 pc(s).		

Creation date July 5, 2024 3:26:09 AM CEST

Weidmüller ⇒⊑

WNT 35N 10X3

Accessories

SchT group marker carrier

The SchT 5 S group tag carriers are clipped directly onto the TS 32 mounting rail (G-rail) or the TS 35 mounting rail (top-hat rail). It is therefore possible to label the terminal strip irrespective of the terminal and the type of terminal. SchT 5 and SchT 5 S are fitted with ESO 5, STR 5 protective strips.
The SchT 7 is a hinged group tag carrier for inlay tags which enables easy access to the clamping screw.
The SchT 7 is fitted with ESO 7, STR 7 protective strips or DEK 5.
Inlay tags and protective strips can be found under "Accessories".

General ordering data

Type	SCHT 7	Version	
Order No.	0517960000	SCHT, Terminal marker, 39.3 x 8 mm, Pitch in mm (P): 7.00	
GTIN (EAN)	4008190001742	Weidmueller, white	
Qty.	20 pc(s).		

Blank

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.
• Can be fitted in strips or individually
• Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	WS 12/5 MC NE WS	Version	
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,	
GTIN (EAN)	4008190203481	Allen-Bradley, white	
Qty.	720 pc(s).		

Creation date July 5, 2024 3:26:09 AM CEST

Accessories

W-Series

Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	WEW 35/2	Version	
Order No.	1061200000	End bracket, Wemid, dark beige, Rail: TS 35, when screwed in	
GTIN (EAN)	4008190030230		
Qty.	50 pc(s).		

Copper

Of all the metals used, copper has the best electrical conductivity, which results in the highest short-circuit resistance. This makes the copper busbar the most widely used variant.

General ordering data

Type	SSCH 10X3X1000 CU/SN	Version
Order No.	0348900000	Busbar (terminal)
GTIN (EAN)	4008190024802	
Qty.	1 m	

Creation date July 5, 2024 3:26:09 AM CEST

WNT 35N 10X3

Accessories

WS 12/5

WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

• Firm hold and durable printing
• Continuous strips save installation time
• Easy mounting thanks to an innovative composite material
• Large label field for optimal legibility
• High flexibility thanks to manufacturer independence

General ordering data

Type	WS 12/5 MM WS	Version
Order No.	2007190000	WS, Terminal marker, 12 x 5 mm, Weidmueller, white
GTIN (EAN)	4050118392036	
Qty.	800 pc(s).	

W-Series

W Series

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

Type	WHP 2.5-35N/10X3 BL	Version
Order No.	1050280000	End and partition plate for terminals, End and intermediate plate, 60
GTIN (EAN)	4008190044640	mm x 2 mm, blue
Qty.	20 pc(s).	

Creation date July 5, 2024 3:26:09 AM CEST

Weidmüller

WNT 35N 10X3

Accessories

Marker holder

The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snaped together and could be mounted in all standard marking channels of the Klippon$^®$ Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

General ordering data

Type	BZT 1 ZA WS 10/5	Version	
Order No.	1805520000	Accessories, Marker holder	
GTIN (EAN)	4032248270248		
Qty.	100 pc(s).		
Type	BZT 1 WS 10/5	Version	
Order No.	1805490000	Accessories, Marker holder	
GTIN (EAN)	4032248270231		
Qty.	100 pc(s).		

Creation date July 5, 2024 3:26:09 AM CEST