

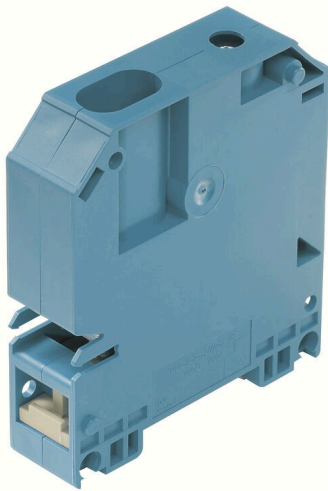
WNT 70N/35**Weidmüller Interface GmbH & Co. KG**

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, 70, 400 V, 140 A, TS 35, blue
Order No.	9512210000
Type	WNT 70N/35
GTIN (EAN)	4008190403898
Qty.	10 items

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E60693

Dimensions and weights

Depth	85 mm	Depth (inches)	3.3464 inch
Depth including DIN rail	86 mm	Height	75 mm
Height (inches)	2.9527 inch	Width	20.5 mm
Width (inches)	0.8071 inch	Net weight	138.4 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 with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	c6099607-b1cd-4fc8-8f5b-8c2defa73093

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		

Conductors for clamping (additional connection)

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

Gauge to IEC 60947-1	B 11
Wire connection cross section AWG, max.	AWG 0
Connection direction	on side
Tightening torque, max.	12 Nm
Tightening torque, min.	6 Nm
Stripping length	22 mm
Type of connection	Screw connection
Number of connections	1
Clamping range, max.	95 mm ²
Clamping range, min.	10 mm ²
Clamping screw	M 8
Blade size	S6 (DIN 6911)
Wire connection cross section AWG, min.	AWG 6
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	70 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	10 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	70 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	10 mm ²
Wire connection cross section, finely stranded, max.	70 mm ²
Wire connection cross section, finely stranded, min.	10 mm ²
Connection cross-section, stranded, max.	95 mm ²
Connection cross-section, stranded, min.	10 mm ²
Wire connection cross-section, solid core, max.	16 mm ²
Wire connection cross-section, solid core, min.	10 mm ²

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	solid, H05(07) V-U	
min.		10 mm ²		
max.		16 mm ²		
nominal		16 mm ²		
wire end ferrule	Stripping length	min.	22 mm	
		max.	22 mm	
		nominal	22 mm	
	Tightening torque	min.	6 Nm	
		max.	12 Nm	
		nominal	12 Nm	
Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection	Type	stranded, H07V-R	
min.		10 mm ²		
max.		95 mm ²		
nominal		70 mm ²		
wire end ferrule	Stripping length	min.	22 mm	
		max.	22 mm	
		nominal	22 mm	
	Tightening torque	min.	6 Nm	
		max.	12 Nm	
		nominal	12 Nm	

Technical data

Connection specification		Screw connection		
Cross-section for conductor connection	Type	flexible, H05(07) V-K		
	min.	10 mm ²		
	max.	70 mm ²		
	nominal	70 mm ²		
wire end ferrule	Stripping length	min.	22 mm	
		max.	22 mm	
		nominal	22 mm	
	Tightening torque	min.	6 Nm	
		max.	12 Nm	

General

Wire connection cross section AWG, max.	AWG 0	Installation advice	Busbar
Wire connection cross section AWG, min.	AWG 6	Standards	In accordance with IEC 60947-7-1
Mounting rail	TS 35		

Rating data

Rated cross-section	70 mm ²	Rated voltage	400 V
Rated DC voltage	400 V	Nominal 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

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

