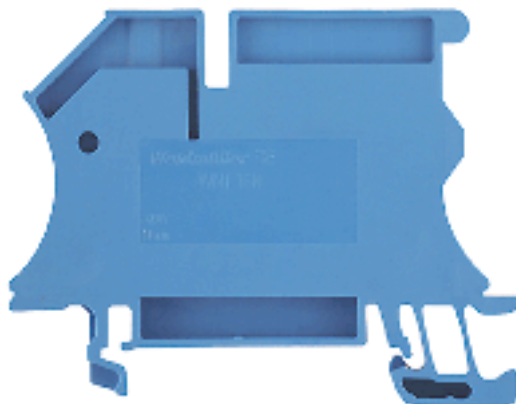




General ordering data

Order No.	1019000000
Part designation	WNT 16N 10X3
Version	Neutral conductor modular terminal, 16 mm ² , Busbar connection, Wemid, blue, TS 35
EAN	4008190273231
Qty.	50 pc(s).

Product notes

Note, technical data	Tightening torque, N-disconnector 0.8..1.6 Nm. AWG 6/7 and H07V-R25 conductors require a tightening torque of 1.5 Nm.
Product description	These special modular terminals are specified for insulation measurements without disconnecting the conductor according to VDE standards for places of public assembly.

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

Solid, min.	1.5 mm ²
Solid, max.	4 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm ²

Additional technical data

Colour of insulating material	blue
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1

Additional technical data

No. of levels	1
No. of terminal strips per level	2
Open sides	closed
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Neutral conductor disconnect terminal

CSA rating data

Voltage (CSA)	300 V
CSA current	65 A
Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 6

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm ²
Clamping range, max.	25 mm ²
Type of connection	Busbar connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Stripping length	12 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm
Tightening torque range	1.2...2.2 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	B7
Solid, min.	1.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	25 mm ²
Flexible, min.	1.5 mm ²
Flexible, max.	16 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	16 mm ²

Dimensions

Width	12 mm
Height of lowest version	47 mm
Length	60 mm
TS 35 offset	32 mm

Disconnect terminals

Torque level with DMS electric screwdriver	4
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Disconnect terminals

N-conductor disconnect terminal

For N-busbar	3 x 10 mm
Torque range (B1)	0.8...1.6 Nm

Rating data

Rated cross-section	16 mm ²
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	76 A
Standards	IEC 60947-7-1
Current with max. conductor	101 A
Pollution severity	3

UL rating data

Voltage (UL)	300 V
Current (UL)	65 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 6

Approvals

Approvals institutes



Downloads

STEP	1019000000_21922_WNT_16N_10X3_STP.stp
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Classifications

eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-38
eClass 5.1	27-14-11-38

Similar products

Order No.	Part designation	Version
1010680000	WNT 2.5 10X3	Neutral conductor modular terminal, 2.5 mm ² , Busbar connection, Wemid, blue, TS 35
1010600000	WNT 2.5 10X3 BE	Neutral conductor modular terminal, 2.5 mm ² , Busbar connection, Wemid, dark beige, TS 35
1010780000	WNT 4 10X3	Neutral conductor modular terminal, 4 mm ² , Busbar connection, Wemid, blue, TS 35
1010700000	WNT 4 10X3 BE	Neutral conductor modular terminal, 4 mm ² , Busbar connection, Wemid, dark beige, TS 35
1010880000	WNT 6 10X3	Neutral conductor modular terminal, 6 mm ² , Busbar connection, Wemid, blue, TS 35

1010980000	WNT 10 10X3	Neutral conductor modular terminal, 10 mm ² , Busbar connection, Wemid, blue, TS 35
1010900000	WNT 10 10X3 BE	Neutral conductor modular terminal, 10 mm ² , Busbar connection, Wemid, dark beige, TS 35
1718550000	WNT 35N 10X3	Neutral conductor modular terminal, 35 mm ² , Busbar connection, Wemid, blue, TS 35
9512210000	WNT 70N/35	Neutral conductor modular terminal, 70 mm ² , Busbar connection, Wemid, blue, TS 35



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