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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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#### General ordering data

Order No.	1019000000
Part designation	WNT 16N 10X3
Version	Neutral conductor modular terminal, 16 mm <sup>2</sup> , 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 <sup>2</sup>
Solid, max.	4 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm <sup>2</sup>

#### 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 <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	16 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	1.5 mm <sup>2</sup>
Clamping range, max.	25 mm <sup>2</sup>
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 <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	25 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	16 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	16 mm <sup>2</sup>

#### 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 <sup>2</sup>
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 <sup>2</sup> , Busbar connection, Wemid, blue, TS 35
1010600000	WNT 2.5 10X3 BE	Neutral conductor modular terminal, 2.5 mm <sup>2</sup> , Busbar connection, Wemid, dark beige, TS 35
1010780000	WNT 4 10X3	Neutral conductor modular terminal, 4 mm <sup>2</sup> , Busbar connection, Wemid, blue, TS 35
1010700000	WNT 4 10X3 BE	Neutral conductor modular terminal, 4 mm <sup>2</sup> , Busbar connection, Wemid, dark beige, TS 35
1010880000	WNT 6 10X3	Neutral conductor modular terminal, 6 mm <sup>2</sup> , Busbar connection, Wemid, blue, TS 35

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