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General ordering data

Order No.	9512210000
Part designation	WNT 70N/35
Version	Neutral conductor modular terminal, 70 mm ² , Busbar connection, Wemid, blue, TS 35
EAN	4008190403898
Qty.	10 pc(s).

Product notes

Note, technical data	Tightening torque, N-disconnector 2.5..5.0 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)

Stranded, min.	16 mm ²
Stranded, max.	16 mm ²
Flexible, min.	16 mm ²
Flexible, max.	16 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	16 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	16 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
No. of levels	1
No. of terminal strips per level	2

Additional technical data

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

Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	10 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	70 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	10 mm ²
Clamping range, max.	95 mm ²
Type of connection	Busbar connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Stripping length	22 mm
Clamping screw	M 8
Blade size	S6 (DIN 6911)
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B11
Solid, min.	10 mm ²
Solid, max.	16 mm ²
Stranded, min.	10 mm ²
Stranded, max.	95 mm ²
Flexible, min.	10 mm ²
Flexible, max.	70 mm ²
Flexible with ferrule, min. (DIN 46228/1)	10 mm ²
Flexible with ferrule, max. (DIN 46228/1)	70 mm ²

Dimensions

Width	20.5 mm
Height of lowest version	86 mm
Length	75 mm
TS 35 offset	35 mm

N-conductor disconnect terminal

For N-busbar	3 x 10 mm
Torque range (B1)	2.5...5.0 Nm

Rating data

Rated cross-section	70 mm ²
Rated voltage	400 V
Rated impulse voltage	6 kV
Rated current	192 A
Standards	IEC 60947-7-1
Current with max. conductor	207 A

Rating data

Pollution severity 3

UL rating data

Voltage (UL) 600 V
 Current (UL) 175 A
 Min. cross-section (UL) AWG 6
 Max. cross-section (UL) AWG 2/0

Approvals

Approvals institutes



Downloads

STEP 9512210000_60070_WNT_70N-35_STP.stp

Classifications

ETIM 2.0 EC001257
 ETIM 3.0 EC001257
 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
1019000000	WNT 16N 10X3	Neutral conductor modular terminal, 16 mm ² , Busbar connection, Wemid, blue, TS 35
1718550000	WNT 35N 10X3	Neutral conductor modular terminal, 35 mm ² , Busbar connection, Wemid, blue, TS 35