



#### 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 |
|--|---|

## 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 |
|------|---------------------------------------|

### 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       |