



#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 1720820000   |
| Part designation | ZDL 2.5/NT/L/PE  |
| Version          | Storey installation terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| EAN              | 4008190958954  |
| Qty.             | 50 pc(s).  |

#### Product notes

|                      |  |
|----------------------|--|
| Note, technical data | 2.5 mm <sup>2</sup> flexible conductors with wire end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |
| Product description  | Electrical distribution with plug-in cross-connection  |

#### Additional technical data

|  |                                   |
|--|-----------------------------------|
| Colour of insulating material                    | dark beige                        |
| Connection direction                             | Inclined / angled                 |
| End plate required                               | Yes                               |
| Explosion-tested version "Ex e"                  | No                                |
| Installation advice                              | TS 35                             |
| Insulating material                              | Wemid                             |
| Levels cross-connected internally                | No                                |
| No. of levels                                    | 3                                 |
| No. of terminal strips per level                 | 2                                 |
| Open sides                                       | right                             |
| Operating temperature range                      | - 50 °C, + 120 °C                 |
| Product family                                   | Z-series                          |
| Type of connection                               | Tension clamp connection          |
| Type of mounting                                 | Snap-on                           |
| UL 94 flammability rating of insulation material | V-0                               |
| Version  | 3-conductor installation terminal |

#### CSA rating data

|               |       |
|---------------|-------|
| Voltage (CSA) | 300 V |
| CSA current   | 10 A  |

#### CSA rating data

|                          |        |
|--------------------------|--------|
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 12 |

#### Conductors for clamping (additional connection)

|  |                     |
|--|---------------------|
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup> |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 2.5 mm <sup>2</sup> |

#### Conductors for clamping (rated connection)

|  |                          |
|--|--------------------------|
| Clamping range, min.   | 0.13 mm <sup>2</sup>     |
| Clamping range, max.   | 4 mm <sup>2</sup>        |
| Type of connection   | Tension clamp connection |
| Connection direction   | Inclined / angled        |
| No. of connections   | 5                        |
| Stripping length   | 8 mm                     |
| Blade size   | 0.6 x 3.5 mm             |
| Gauge to IEC 60947-1   | A2                       |
| Solid, min.  | 0.5 mm <sup>2</sup>      |
| Solid, max.  | 4 mm <sup>2</sup>        |
| Flexible, min.   | 0.5 mm <sup>2</sup>      |
| Flexible, max.   | 4 mm <sup>2</sup>        |
| Flexible with ferrule, min. (DIN 46228/1)                    | 0.5 mm <sup>2</sup>      |
| Flexible with ferrule, max. (DIN 46228/1)                    | 2.5 mm <sup>2</sup>      |
| Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) | 0.5 mm <sup>2</sup>      |
| Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) | 2.5 mm <sup>2</sup>      |
| AWG conductor size, min.                                     | AWG 26                   |
| AWG conductor size, max.                                     | AWG 12                   |

#### Dimensions

|                          |         |
|--------------------------|---------|
| Width                    | 5.1 mm  |
| Height of lowest version | 48.5 mm |
| Length                   | 95 mm   |
| TS 35 offset             | 49 mm   |

#### Distribution terminals

|   |       |
|---|-------|
| N-function                              | Yes   |
| No. of potentials                       | 2     |
| PE function                             | Yes   |
| Rated impulse withstand voltage to N/PE | 4 kV  |
| Rated voltage to N/PE                   | 250 V |

#### N-conductor disconnect terminal

|              |           |
|--------------|-----------|
| For N-busbar | 3 x 10 mm |
|--------------|-----------|

#### Rating data

|                       |                     |
|-----------------------|---------------------|
| Rated cross-section   | 2.5 mm <sup>2</sup> |
| Rated voltage         | 400 V               |
| Rated impulse voltage | 4 kV                |
| Rated current         | 20 A                |

#### Rating data

|                             |                      |
|-----------------------------|----------------------|
| Standards                   | IEC 60947-7-1 (-7-2) |
| Current with max. conductor | 20 A                 |
| Pollution severity          | 3                    |

#### UL rating data

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 300 V  |
| Current (UL)            | 10 A   |
| Min. cross-section (UL) | AWG 26 |
| Max. cross-section (UL) | AWG 12 |

#### Approvals

Approvals institutes



#### Classifications

|            |             |
|------------|-------------|
| ETIM 2.0   | EC001329    |
| ETIM 3.0   | EC001329    |
| eClass 4.1 | 27-14-11-25 |
| eClass 5.0 | 27-14-11-25 |
| eClass 5.1 | 27-14-11-25 |

#### Similar products

| Order No.  | Part designation | Version  |
|------------|------------------|--|
| 1720850000 | ZDL 2.5/L        | Storey installation terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1720830000 | ZDL 2.5/L/L      | Storey installation terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1720880000 | ZDL 2.5/L/L/PE   | Storey installation terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1720840000 | ZDL 2.5/N        | Storey installation terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1720860000 | ZDL 2.5/N/L      | Storey installation terminal, 2.5 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |