



#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 1031100000   |
| Part designation | WDL 2.5/S/L/L/PE   |
| Version          | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| EAN              | 4008190042202  |
| Qty.             | 50 pc(s).  |

#### Product notes

|                      |   |
|----------------------|---|
| Note, ordering data  | PE connection marked green/yellow                                     |
| Note, technical data | L-PE 250 V  |
| Product description  | Space-saving wiring of three-phase circuits using only two terminals. |

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

|  |                     |
|--|---------------------|
| Solid, min.                                  | 0.5 mm <sup>2</sup> |
| Solid, max.                                  | 1.5 mm <sup>2</sup> |
| Flexible, min.                               | 0.5 mm <sup>2</sup> |
| Flexible, max.                               | 1.5 mm <sup>2</sup> |
| Flexible with ferrule, min. (DIN 46228 pt 1) | 0.5 mm <sup>2</sup> |
| Flexible with ferrule, max. (DIN 46228 pt 1) | 1.5 mm <sup>2</sup> |

#### Additional technical data

|                                   |            |
|-----------------------------------|------------|
| Colour of insulating material     | dark beige |
| Connection direction              | on side    |
| End plate required                | Yes        |
| 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                     | 2          |
| No. of terminal strips per level  | 2          |
| Open sides                        | right      |

#### Additional technical data

|  |                                  |
|--|----------------------------------|
| 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  | Distribution terminal for N rail |

#### CSA rating data

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 300 V  |
| CSA current              | 10 A   |
| 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   | Screw connection     |
| 2nd type of connection                                       | screwed              |
| Connection direction   | on side              |
| No. of connections   | 3                    |
| Stripping length   | 8 mm                 |
| Clamping screw   | M 2.5                |
| Blade size   | 0.6 x 3.5 mm         |
| Tightening torque range                                      | 0.4...0.6 Nm         |
| Torque level with DMS electric screwdriver                   | 1                    |
| Gauge to IEC 60947-1   | A3                   |
| Solid, min.  | 0.5 mm <sup>2</sup>  |
| Solid, max.  | 4 mm <sup>2</sup>    |
| Stranded, min.   | 1.5 mm <sup>2</sup>  |
| Stranded, 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) | 0.25 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               |
| AWG conductor size, min.                                     | 0.13 mm <sup>2</sup> |
| AWG conductor size, max.                                     | 3.31 mm <sup>2</sup> |

#### Dimensions

|                          |        |
|--------------------------|--------|
| Width                    | 6.1 mm |
| Height of lowest version | 49 mm  |

#### Dimensions

|              |         |
|--------------|---------|
| Length       | 84.5 mm |
| TS 35 offset | 48.1 mm |

#### Disconnect terminals

|  |   |
|--|---|
| Torque level with DMS electric screwdriver | 1 |
|--|---|

#### 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               | 24 A                 |
| Standards                   | IEC 60947-7-1 (-7-2) |
| Current with max. conductor | 32 A                 |
| Pollution severity          | 3                    |

#### UL rating data

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 300 V  |
| Current (UL)            | 15 A   |
| Min. cross-section (UL) | AWG 22 |
| Max. cross-section (UL) | AWG 12 |

#### Approvals

Approvals institutes



#### Classifications

|            |             |
|------------|-------------|
| 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  |
|------------|------------------|--|
| 1030400000 | WDL 2.5/L        | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1030300000 | WDL 2.5/L/L      | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1030200000 | WDL 2.5/L/L/PE   | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |

|           |                  |  |
|-----------|------------------|--|
| 103000000 | WDL 2.5/N/L      | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 102990000 | WDL 2.5/N/L/PE   | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 103130000 | WDL 2.5/S/L      | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 103120000 | WDL 2.5/S/L/L    | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 103090000 | WDL 2.5/S/N      | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 103080000 | WDL 2.5/S/N/L    | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 103070000 | WDL 2.5/S/N/L/PE | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |