



#### General ordering data

|                  |                                                                                                |
|------------------|------------------------------------------------------------------------------------------------|
| Order No.        | 1030400000                                                                                     |
| Part designation | WDL 2.5/L                                                                                      |
| Version          | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| EAN              | 4008190055509                                                                                  |
| Qty.             | 50 pc(s).                                                                                      |

#### Product notes

|                      |                                                                                                                                                                     |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note, ordering data  | WDL 2.5/N order no. 1030100000 (upper connection marked blue)                                                                                                       |
| Note, technical data | Further connection refers to clamping point at top left (A4) 2-conductor, 1.5 mm <sup>2</sup> , solid, with 0.6 Nm                                                  |
| Product description  | N-busbars may not be used in certain applications (medical systems). Instead, installation terminals with a disconnecter in the centre of the terminal can be used. |

#### 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         |

#### Additional technical data

|                                                  |                                              |
|--------------------------------------------------|----------------------------------------------|
| No. of identical terminals                       | 1                                            |
| No. of levels                                    | 2                                            |
| No. of terminal strips per level                 | 2                                            |
| Open sides                                       | right                                        |
| 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 with N cross-connector |

#### 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)

|                                              |                     |
|----------------------------------------------|---------------------|
| Rated cross-section                          | 4 mm <sup>2</sup>   |
| Stripping length (B1)                        | 8 mm                |
| Clamping screw                               | M 3                 |
| Blade size                                   | 0.6 x 3.5 mm        |
| Tightening torque range                      | 0.5...0.6 Nm        |
| Gauge to IEC 60947-1                         | A4                  |
| Solid, min.                                  | 0.5 mm <sup>2</sup> |
| Solid, max.                                  | 6 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 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                         | 1                    |
| 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 / A4              |
| 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>    |

#### Conductors for clamping (rated connection)

|                                                              |                      |
|--------------------------------------------------------------|----------------------|
| 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 10               |
| AWG conductor size, min.                                     | 0.13 mm <sup>2</sup> |
| AWG conductor size, max.                                     | 5.26 mm <sup>2</sup> |

#### Dimensions

|                          |        |
|--------------------------|--------|
| Width                    | 6.1 mm |
| Height of lowest version | 49 mm  |
| Length                   | 90 mm  |
| TS 35 offset             | 54 mm  |

#### Disconnect terminals

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

#### Rating data

|                             |                     |
|-----------------------------|---------------------|
| Rated cross-section         | 2.5 mm <sup>2</sup> |
| Rated voltage               | 400 V               |
| Rated impulse voltage       | 6 kV                |
| Rated current               | 24 A                |
| Standards                   | IEC 60947-7-1       |
| 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                                                                                        |
|------------|------------------|------------------------------------------------------------------------------------------------|
| 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 |
| 1030000000 | WDL 2.5/N/L      | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1029900000 | WDL 2.5/N/L/PE   | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1031300000 | WDL 2.5/S/L      | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1031200000 | WDL 2.5/S/L/L    | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1031100000 | WDL 2.5/S/L/L/PE | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1030900000 | WDL 2.5/S/N      | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1030800000 | WDL 2.5/S/N/L    | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1030700000 | WDL 2.5/S/N/L/PE | Storey installation terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |

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