



#### General ordering data

|                  |                                                                                      |
|------------------|--------------------------------------------------------------------------------------|
| Order No.        | 1023400000                                                                           |
| Part designation | WDK 2.5 1D A.1                                                                       |
| Version          | Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| EAN              | 4008190103538                                                                        |
| Qty.             | 25 pc(s).                                                                            |

#### Product notes

|                      |                                                                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note, ordering data  | 2.5 mm <sup>2</sup> conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)                        |
| Note, technical data | Rated current is 10 A for continuous busbars only.                                                                                                                     |
| Product description  | Modular terminals with electronic components are available for a number of standard applications. Other versions to customer specification are available upon request. |

#### 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 | Yes        |

#### 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                                          | Terminal with diode |

#### 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)

|                    |                  |
|--------------------|------------------|
| Type of connection | Screw connection |
|--------------------|------------------|

#### Conductors for clamping (rated connection)

|                                           |                      |
|-------------------------------------------|----------------------|
| Clamping range, min.                      | 0.05 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                        | 4                    |
| Stripping length                          | 10 mm                |
| Clamping screw                            | M 2.5                |
| Blade size                                | 0.6 x 3.5 mm         |
| Tightening torque range                   | 0.4...0.6 Nm         |
| 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>  |
| 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                    | 5.1 mm  |
| Height of lowest version | 63 mm   |
| Length                   | 69 mm   |
| TS 35 offset             | 35.5 mm |

## Dimensions

### Rating data

|                             |                     |
|-----------------------------|---------------------|
| Rated cross-section         | 2.5 mm <sup>2</sup> |
| Rated voltage               | 400 V               |
| Rated impulse voltage       | 6 kV                |
| Rated current               | 10 A                |
| Standards                   | IEC 60947-7-1       |
| Current with max. conductor | 10 A                |
| Pollution severity          | 3                   |

### UL rating data

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 300 V  |
| Current (UL)            | 10 A   |
| Min. cross-section (UL) | AWG 30 |
| Max. cross-section (UL) | AWG 12 |

### Approvals

Approvals institutes



### Downloads

|      |                                         |
|------|-----------------------------------------|
| STEP | 1023400000_14187_WDK_2.5_1D_A.1_STP.stp |
|------|-----------------------------------------|

### Classifications

|            |             |
|------------|-------------|
| eClass 4.1 | 27-14-11-27 |
| eClass 5.0 | 27-14-11-27 |
| eClass 5.1 | 27-14-11-27 |

### Similar products

| Order No.  | Part designation       | Version                                                                              |
|------------|------------------------|--------------------------------------------------------------------------------------|
| 8016940000 | WDK 2.5 1D 1R 1K5/0.5W | Component terminal, Screw connection, Wemid, dark beige, TS 35                       |
| 1023300000 | WDK 2.5 1D A.2         | Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1022600000 | WDK 2.5 2D             | Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1023500000 | WDK 2.5 2D             | Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 8014670000 | WDK 2.5 2D             | Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 8012260000 | WDK 2.5 2D 1R 1K5/0.5W | Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 8025610000 | WDK 2.5 1D             | Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |
| 1023100000 | WDK 2.5/D/3            | Component terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 |