

## Excellent Integrated System Limited

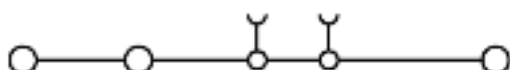
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Weidmüller](#)  
[1770360000](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)


**General ordering data**

|                  |   |
|------------------|---|
| Order No.        | 1770360000  |
| Part designation | ZDU 4-2/3AN   |
| Version          | Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| EAN              | 4032248143191   |
| Qty.             | 100 pc(s).  |

**Product notes**

|                     |  |
|---------------------|--|
| Note, ordering data | The rated voltage is reduced to 400 V when using the cross-connection.               |
| Product description | The compact terminal range for conductor cross-sections 0.13 to 16 mm <sup>2</sup>   |
| Note, accessories   | The rated voltage is reduced to 250 V when using the shield bus LS 2.8 (1056400000). |

**PT OKIECEEx/ATEX rating data**

|                                      |  |
|--------------------------------------|--|
| EU-type examination certificate      | KEMA97ATEX4677U  |
| Download, German                     | KEMA97ATEX4677U_d.pdf  |
| Download English                     | KEMA97ATEX4677U_e.pdf  |
| ATEX voltage                         | 550 V  |
| ATEX current                         | 28 A   |
| ATEX conductor cross-section         | 4 mm <sup>2</sup>  |
| Voltage when using cross-connections | CrossConnectionGuide.pdf   |
| Operating temperature range          | Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEX-Certificate of Conformity |
| Marking EN 60079-7                   | Ex e II  |
| Marking ATEX Directive 94/9/EC       | Ex II 2 G D  |

**Additional technical data**

|                                 |                   |
|---------------------------------|-------------------|
| Colour of insulating material   | dark beige        |
| Connection direction            | Inclined / angled |
| End plate required              | Yes               |
| Explosion-tested version "Ex e" | Yes               |

**Additional technical data**

|  |                       |
|--|-----------------------|
| Installation advice                              | TS 35                 |
| Insulating material                              | Wemid                 |
| Levels cross-connected internally                | No                    |
| No. of identical terminals                       | 1                     |
| No. of levels                                    | 1                     |
| No. of terminal strips per level                 | 3                     |
| Open sides                                       | right                 |
| Operating temperature range                      | - 50 °C, + 120 °C     |
| Product family                                   | Z-series              |
| Type of connection                               | Clamped               |
| Type of mounting                                 | Snap-on               |
| UL 94 flammability rating of insulation material | V-0                   |
| Version  | Feed-through terminal |

**CSA rating data**

|                          |        |
|--------------------------|--------|
| Voltage (CSA)            | 600 V  |
| CSA current              | 35 A   |
| Min. cross-section (CSA) | AWG 26 |
| Max. cross-section (CSA) | AWG 10 |

**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) | 4 mm <sup>2</sup>   |

**Conductors for clamping (rated connection)**

|  |                          |
|--|--------------------------|
| Clamping range, min.   | 0.13 mm <sup>2</sup>     |
| Clamping range, max.   | 6 mm <sup>2</sup>        |
| Type of connection   | Tension clamp connection |
| 2nd type of connection                                       | clamped                  |
| Connection direction   | Inclined / angled        |
| No. of connections   | 3                        |
| Stripping length   | 10 mm                    |
| Blade size   | 0.6 x 3.5 mm             |
| Gauge to IEC 60947-1   | A3                       |
| Solid, min.  | 0.5 mm <sup>2</sup>      |
| Solid, max.  | 6 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)                    | 4 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) | 4 mm <sup>2</sup>        |
| Twin wire-end ferrule, min.                                  | 0.5 mm <sup>2</sup>      |
| Twin wire end ferrule, max.                                  | 1.5 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>     |

**Conductors for clamping (rated connection)**
**Dimensions**

|                          |         |
|--------------------------|---------|
| Width                    | 6.1 mm  |
| Height of lowest version | 46 mm   |
| Length                   | 61.5 mm |
| TS 35 offset             | 33 mm   |

**Rating data**

|                             |                   |
|-----------------------------|-------------------|
| Rated cross-section         | 4 mm <sup>2</sup> |
| Rated voltage               | 800 V             |
| Rated impulse voltage       | 8 kV              |
| Rated current               | 32 A              |
| Standards                   | IEC 60947-7-1     |
| Current with max. conductor | 38 A              |
| Pollution severity          | 3                 |

**UL rating data**

|                         |        |
|-------------------------|--------|
| Voltage (UL)            | 600 V  |
| Current (UL)            | 33 A   |
| Min. cross-section (UL) | AWG 26 |
| Max. cross-section (UL) | AWG 10 |

**Approvals**

Approvals institutes


**Downloads**

|      |                                      |
|------|--------------------------------------|
| STEP | 1770360000_30057_ZDU_4-2-3AN_STP.stp |
|------|--------------------------------------|

**Classifications**

|            |             |
|------------|-------------|
| eClass 4.1 | 27-14-11-20 |
| eClass 5.0 | 27-14-11-20 |
| eClass 5.1 | 27-14-11-20 |

**Similar products**

| Order No.  | Part designation | Version  |
|------------|------------------|--|
| 8670750000 | ZDK 4-2          | Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 8670850000 | ZDK 4-2 BL       | Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35       |

|            |                |   |
|------------|----------------|---|
| 8709760000 | ZDK 4-2 EL     | Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35      |
| 8671050000 | ZDK 4-2 PE     | Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, green, TS 35           |
| 8671080000 | ZDK 4-2 V      | Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35      |
| 8671120000 | ZDK 4-2/DU-PE  | Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35      |
| 1905170000 | ZDK 4-2/N/L    | Modular terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35      |
| 1770370000 | ZDU 4-2/2AN    | Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1770840000 | ZDU 4-2/2AN BL | Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35       |
| 1770860000 | ZDU 4-2/3AN BL | Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35       |
| 1770870000 | ZDU 4-2/3AN OR | Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, Orange, TS 35     |
| 1806980000 | ZDU 4-2/4AN    | Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, dark beige, TS 35 |
| 1806990000 | ZDU 4-2/4AN BL | Feed-through terminal, 4 mm <sup>2</sup> , Tension clamp connection, Wemid, blue, TS 35       |