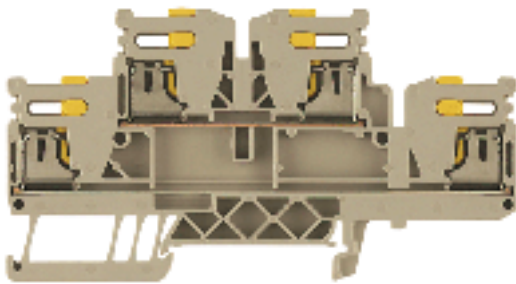


**I-Series  
IDK 1.5N**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



The IDK two-tier modular terminals can feed two potentials in one terminal. They are available for cross-sections from 0.21 to 1.5 mm<sup>2</sup>.

**General ordering data**

|            |                                                                                                                                |
|------------|--------------------------------------------------------------------------------------------------------------------------------|
| Order No.  | <a href="#">1792650000</a>                                                                                                     |
| Type       | IDK 1.5N                                                                                                                       |
| Version    | I-Series, Double-tier terminal, Rated cross-section: 1.5 mm <sup>2</sup> , Insulation displacement connection, Direct mounting |
| GTIN (EAN) | 4032248281640                                                                                                                  |
| Qty.       | 50 pc(s).                                                                                                                      |

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**Technical data**
**Dimensions and weights**

|            |         |                          |        |
|------------|---------|--------------------------|--------|
| Length     | 100 mm  | Width                    | 5.1 mm |
| Height     | 53 mm   | Height of lowest version | 54 mm  |
| Net weight | 16.13 g |                          |        |

**Temperatures**

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| Operating temperature            |        | Storage temperature              |        |
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |

**Rated data IECEx/ATEX**

|                           |                          |                                |                                                                                                   |
|---------------------------|--------------------------|--------------------------------|---------------------------------------------------------------------------------------------------|
| Certificate No. (ATEX)    | KEMA02ATEX2241U          | ATEX certificate               | KEMA02ATEX2241U_d.pdf                                                                             |
| ATEX certificate          | KEMA02ATEX2241U_e.pdf    | Max. voltage (ATEX)            | 275 V                                                                                             |
| Current (ATEX)            | 15 A                     | Wire cross section max. (ATEX) | 1.5 mm <sup>2</sup>                                                                               |
| Voltage, cross-connection |                          | Operating temperature range    | For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity |
|                           | CrossConnectionGuide.pdf |                                |                                                                                                   |
| Marking EN 60079-7        | Ex e II                  | Marking ATEX Directive 94/9/EC | II 2 G D                                                                                          |

**Additional technical data**

|                             |         |                     |                 |
|-----------------------------|---------|---------------------|-----------------|
| Explosion-tested version    | Yes     | Installation advice | Direct mounting |
| Number of similar terminals | 1       | Open sides          | right           |
| Type of mounting            | Snap-on | Version             | Double terminal |

**CSA ratings data**

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1632552 | Voltage size B (CSA)          | 300 V  |
| Voltage size C (CSA)          | 300 V          | Voltage size D (CSA)          | 600 V  |
| Current size B (CSA)          | 10 A           | Current size C (CSA)          | 10 A   |
| Current size D (CSA)          | 5 A            | Wire cross section max. (CSA) | 16 AWG |
| Wire cross section min. (CSA) | 22 AWG         |                               |        |

**Clampable wires (rated connection)**

|                                                                  |                                    |                                                                 |                      |
|------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------|----------------------|
| Type of connection                                               | Insulation displacement connection | Blade size                                                      | 0.6 x 3.5 mm         |
| Connection direction                                             | top                                | Number of connections                                           | 4                    |
| Clamping range, rated connection, min.                           | 0.21 mm <sup>2</sup>               | Clamping range, rated connection, max.                          | 1.5 mm <sup>2</sup>  |
| Wire connection cross section, solid core, max. rated connection | 0.21 mm <sup>2</sup>               | Wire connection cross section, solid core max. rated connection | 1.5 mm <sup>2</sup>  |
| Wire connection cross section, finely stranded, max.             | 1.5 mm <sup>2</sup>                | Wire connection cross-section, finely stranded, min.            | 0.21 mm <sup>2</sup> |
| Finely stranded, min. (rated connection)                         | 0.25 mm <sup>2</sup>               | Finely stranded, max. (rated connection)                        | 0.34 mm <sup>2</sup> |
| Wire connection cross section AWG, min.                          | AWG 24                             | Wire connection cross section AWG, max.                         | AWG 16               |

**Rated data**

|                                 |                            |                    |        |
|---------------------------------|----------------------------|--------------------|--------|
| Rated cross-section             | 1.5 mm <sup>2</sup>        | Rated voltage      | 500 V  |
| Rated impulse withstand voltage | 6 kV                       | Rated current      | 17.5 A |
| Standards                       | IEC 60352-4, IEC 60947-7-1 | Pollution severity | 3      |

Creation date February 26, 2013 1:44:24 PM CET

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**Technical data**

**UL ratings data**

|                                            |                 |                                            |        |
|--------------------------------------------|-----------------|--------------------------------------------|--------|
| Certificate No. (cURus)                    | E60693VOL1SEC61 | Conductor size Factory wiring max. (cURus) | 16 AWG |
| Conductor size Factory wiring min. (cURus) | 22 AWG          | Conductor size Field wiring max. (cURus)   | 16 AWG |
| Conductor size Field wiring min. (cURus)   | 22 AWG          | Current size B (cURus)                     | 15 A   |
| Current size C (cURus)                     | 15 A            | Current size D (cURus)                     | 10 A   |
| Voltage size B (cURus)                     | 300 V           | Voltage size C (cURus)                     | 150 V  |
| Voltage size D (cURus)                     | 300 V           |                                            |        |

**Material data**

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | Dark Beige |
| UL 94 flammability rating | V-0   |        |            |

**System specifications**

|                                   |          |                                  |                                    |
|-----------------------------------|----------|----------------------------------|------------------------------------|
| Product family                    | I-Series | Type of connection               | Insulation displacement connection |
| Connection direction              | top      | Number of levels                 | 2                                  |
| Number of connections             | 4        | No. of clamping points per level | 2                                  |
| Levels cross-connected internally | No       | End cover plate required         | Yes                                |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 2.0   | EC000897    | ETIM 3.0   | EC000897    |
| UNSPSC     | 30-21-18-01 | eClass 4.1 | 27-14-11-18 |
| eClass 5.1 | 27-14-11-18 | eClass 6.0 | 27-14-11-20 |
| eClass 7.0 | 27-14-11-20 |            |             |

**Product information**

|                                 |                                                       |
|---------------------------------|-------------------------------------------------------|
| Descriptive text technical data | Conductor < 0.5 mm <sup>2</sup> / AWG 24 with IRH 1.5 |
|---------------------------------|-------------------------------------------------------|

**Approvals**

Approvals



**Data sheet...**

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**Drawings**

