

## I-Series IIK 1.5N 4L PA

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
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The modular initiator/actuator system with integral cross-connection and advanced IDC technology. Each single terminal has two (or three in the case of separate PE function) clamping points for the voltage supply. These are fed via a supply terminal and the internal cross-connections. Two further clamping points serve as a feed-through terminal for relaying the signal.

### General ordering data

|            |  |
|------------|--|
| Order No.  | <a href="#">1801900000</a>   |
| Type       | IIK 1.5N 4L PA   |
| Version    | I-Series, Initiator/actuator terminal, Rated cross-section: 1.5 mm <sup>2</sup> , Insulation displacement connection |
| GTIN (EAN) | 4032248387595  |
| Qty.       | 50 pc(s).  |

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

|            |         |                          |        |
|------------|---------|--------------------------|--------|
| Length     | 113 mm  | Width                    | 5.1 mm |
| Height     | 50 mm   | Height of lowest version | 51 mm  |
| Net weight | 20.78 g |                          |        |

**Temperatures**

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

**Additional technical data**

|                          |         |            |                 |
|--------------------------|---------|------------|-----------------|
| Explosion-tested version | No      | Open sides | right           |
| Type of mounting         | Snap-on | Version    | Supply terminal |

**Clampable wires (rated connection)**

|   |                                    |  |                      |
|---|------------------------------------|--|----------------------|
| Type of connection  | Insulation displacement connection | Blade size   | 0.6 x 3.5 mm         |
| Connection direction  | top                                | 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      | 250 V  |
| Rated impulse withstand voltage | 4 kV                       | Rated current      | 17.5 A |
| Standards                       | IEC 60352-4, IEC 60947-7-1 | Pollution severity | 3      |

**UL ratings data**

|  |                 |  |        |
|--|-----------------|--|--------|
| Certificate No. (cURus)                    | E60693VOL1SEC61 | Conductor size Factory wiring max. (cURus) | 16 AWG |
| Conductor size Factory wiring min. (cURus) | 24 AWG          | Conductor size Field wiring max. (cURus)   | 16 AWG |
| Conductor size Field wiring min. (cURus)   | 24 AWG          | Current size B (cURus)                     | 10 A   |
| Current size C (cURus)                     | 10 A            | Current size D (cURus)                     | 10 A   |
| Voltage size B (cURus)                     | 300 V           | Voltage size C (cURus)                     | 300 V  |
| Voltage size D (cURus)                     | 300 V           | Wire cross section max. (cURus)            | 12 AWG |

**Material data**

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

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**Technical data**

**System specifications**

|                                   |          |                    |                                    |
|-----------------------------------|----------|--------------------|------------------------------------|
| Product family                    | I-Series | Type of connection | Insulation displacement connection |
| Connection direction              | top      | Number of levels   | 1                                  |
| Levels cross-connected internally | No       | Mounting rail      | TS 35                              |
| End cover plate required          | Yes      |                    |                                    |

**Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 2.0   | EC000900    | ETIM 3.0   | EC000900    |
| UNSPSC     | 30-21-18-11 | eClass 4.1 | 27-14-11-28 |
| eClass 5.1 | 27-14-11-28 | eClass 6.2 | 27-14-11-28 |
| eClass 7.1 | 27-14-11-28 |            |             |

**Product information**

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

**Approvals**

|           |   |
|-----------|---|
| Approvals |      |
| ROHS      | Conform   |

**Data sheet...**

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**Drawings**

