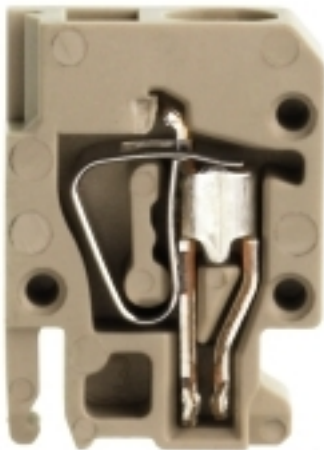


**ZVL 1.5 INV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****Signal wiring**

Tailored and particularly compact: with our AIO initiator/actuator terminal blocks, you are relying on an application-optimised solution for signal wiring. We also offer you other terminal blocks featuring spring and screw connection technology for signal wiring.

**General ordering data**

|            |                                                                                                   |
|------------|---------------------------------------------------------------------------------------------------|
| Version    | Plug-in connector, Tension-clamp connection, 1.5 mm <sup>2</sup> , Distribution strip, dark beige |
| Order No.  | <a href="#">1714680000</a>                                                                        |
| Type       | ZVL 1.5 INV                                                                                       |
| GTIN (EAN) | 4008190334451                                                                                     |
| Qty.       | 20 pc(s).                                                                                         |

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

|                |          |                 |            |
|----------------|----------|-----------------|------------|
| Depth          | 17.45 mm | Depth (inches)  | 0.687 inch |
| Height         | 12.9 mm  | Height (inches) | 0.508 inch |
| Net weight     | 1.35 g   | Width           | 5.08 mm    |
| Width (inches) | 0.2 inch |                 |            |

**Temperatures**

|                                  |                |                                  |     |
|----------------------------------|----------------|----------------------------------|-----|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 |
| Continuous operating temp., max. | 120            |                                  |     |

**Material data**

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0   |        |            |

**System specifications**

|                                   |                    |                                     |     |
|-----------------------------------|--------------------|-------------------------------------|-----|
| Version                           | Distribution strip | End cover plate required            | Yes |
| Number of levels                  | 1                  | Number of clamping points per level | 1   |
| Levels cross-connected internally | No                 | PE connection                       | No  |

**Additional technical data**

|                          |         |            |       |
|--------------------------|---------|------------|-------|
| Explosion-tested version | No      | Open sides | right |
| Type of mounting         | Plugged |            |       |

**Conductors for clamping (additional connection)**

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.

1.5 mm<sup>2</sup>**Conductors for clamping (rated connection)**

|                                                                                         |                      |                                                                                         |                          |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|--------------------------|
| Blade size                                                                              | 0.6 x 3.5 mm         | Clamping range, max.                                                                    | 2.5 mm <sup>2</sup>      |
| Clamping range, min.                                                                    | 0.13 mm <sup>2</sup> | Connection direction                                                                    | top                      |
| Gauge to IEC 60947-1                                                                    | A2                   | Number of connections                                                                   | 1                        |
| Stripping length                                                                        | 7 mm                 | Twin wire-end ferrules, max.                                                            | 0.75 mm <sup>2</sup>     |
| Twin wire-end ferrules, min.                                                            | 0.5 mm <sup>2</sup>  | Type of connection                                                                      | Tension-clamp connection |
| Wire connection cross section AWG, max.                                                 | AWG 14               | Wire connection cross section AWG, min.                                                 | AWG 26                   |
| Wire connection cross section, finely stranded, max.                                    | 2.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm <sup>2</sup>      |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm <sup>2</sup>      |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm <sup>2</sup>  | Wire connection cross-section, solid core, max.                                         | 2.5 mm <sup>2</sup>      |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup>  |                                                                                         |                          |

**Dimensions**

|              |       |
|--------------|-------|
| TS 35 offset | 10 mm |
|--------------|-------|

Creation date March 24, 2021 9:53:02 PM CET

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**Technical data****General**

|                                         |        |                                         |               |
|-----------------------------------------|--------|-----------------------------------------|---------------|
| Number of poles                         | 1      | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 14 | Wire connection cross section AWG, min. | AWG 26        |

**Rating data**

|                                             |               |                                              |                     |
|---------------------------------------------|---------------|----------------------------------------------|---------------------|
| Power loss in accordance with IEC 60947-7-x | 0.56 W        | Rated cross-section                          | 1.5 mm <sup>2</sup> |
| Rated voltage                               | 250 V         | Rated current                                | 17.5 A              |
| Standards                                   | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1.83 mΩ             |
| Rated impulse withstand voltage             | 4 kV          | Pollution severity                           | 3                   |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002848    | ETIM 7.0    | EC002848    |
| ECLASS 9.0  | 27-14-11-92 | ECLASS 9.1  | 27-14-11-92 |
| ECLASS 10.0 | 27-14-11-92 | ECLASS 11.0 | 27-14-11-92 |

**Approvals**

Approvals



ROHS

Conform

**Downloads**

|                    |                                                                                          |
|--------------------|------------------------------------------------------------------------------------------|
| Engineering Data   | <a href="#">STEP</a>                                                                     |
| Engineering Data   | <a href="#">EPLAN, WSCAD</a>                                                             |
| User Documentation | <a href="#">Beipackzettel_ZIA.pdf</a><br><a href="#">StorageConditionsTerminalBlocks</a> |