

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

For the connection of the conductors and the distribution or cross-connection of the potential on the sensor and actuator terminal blocks ZIA, the distributor plugs can be used. The plugs can be easily connected to each other and plugged into the ZIA terminal blocks. Depending on the design of the plugs, the potential is cross-connected between the plugs.

General ordering data

| | |
|------------|--|
| Version | Plug-in connector, Tension-clamp connection, 1.5 mm ² , Distribution strip, brown |
| Order No. | 1650370000 |
| Type | ZVL 1.5 BR |
| GTIN (EAN) | 4008190297558 |
| Qty. | 100 pc(s). |

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www.weidmueller.com**Technical data****Dimensions and weights**

| | | | |
|------------|----------|-----------------|------------|
| Depth | 17.45 mm | Depth (inches) | 0.687 inch |
| Height | 12.9 mm | Height (inches) | 0.508 inch |
| Width | 5.08 mm | Width (inches) | 0.2 inch |
| Net weight | 1.264 g | | |

Temperatures

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

Material data

| | | | |
|---------------------------|-------|--------|-------|
| Material | Wemid | Colour | brown |
| 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 | | |

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-1068678 | Current size B (CSA) | 10 A |
| Current size D (CSA) | 10 A | Voltage size B (CSA) | 300 V |
| Voltage size D (CSA) | 300 V | Wire cross section max. (CSA) | 14 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (additional connection)

| | |
|---|---------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 1.5 mm ² |
|---|---------------------|

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Technical data

Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|--------------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 2.5 mm ² |
| Clamping range, min. | 0.13 mm ² | 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 ² |
| Twin wire-end ferrules, min. | 0.5 mm ² | 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 ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 1.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 2.5 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Dimensions

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

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

| | | | |
|---------------------------------|---------------------|--|---------|
| Rated cross-section | 1.5 mm ² | Rated voltage | 250 V |
| Rated DC 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 | Power loss in accordance with IEC 60947-7-x | 0.56 W |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|---|--------|---|--------|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 14 AWG |
| Conductor size Factory wiring min. (UR) | 26 AWG | Conductor size Field wiring max. (UR) | 14 AWG |
| Conductor size Field wiring min. (UR) | 26 AWG | Current size D (UR) | 10 A |
| Voltage size D (UR) | 300 V | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002848 | ETIM 7.0 | EC002848 |
| ETIM 8.0 | EC002848 | ETIM 9.0 | 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 |
| ECLASS 12.0 | 27-14-11-92 | ECLASS 13.0 | 27-25-03-90 |

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Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (UR) E60693

DownloadsApproval/Certificate/Document of Con-
formity [Confirmation of Standards EN 45545-2_2020-10](#)Engineering Data [CAD data – STEP](#)Engineering Data [Zuken E3.S](#)User Documentation [Beipackzettel_ZIA.pdf](#)
[StorageConditionsTerminalBlocks](#)Catalogues [Catalogues in PDF-format](#)

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