

## STGH 4 ZRV1.5

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

### Product image



The plugs for our WeiCoS-System are available for all different connection systems. The product range includes preassembled connectors from 1 to 10 poles and the possibility of an individual assembly. This ensures maximum flexibility for every application. The customized accessories increase the safety and protection against environmental influences.

### General ordering data

|            |  |
|------------|--|
| Version    | Z-series, Plug-in connector, Rated cross-section: 1.5 mm <sup>2</sup> , Plug-in connection, dark beige, Plug |
| Order No.  | <a href="#">1698190000</a>   |
| Type       | STGH 4 ZRV1.5  |
| GTIN (EAN) | 4008190886448  |
| Qty.       | 50 items   |

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## Technical data

## Approvals

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

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 23 mm   | Depth (inches)  | 0.9055 inch |
| Height     | 16.8 mm | Height (inches) | 0.6614 inch |
| Width      | 5 mm    | Width (inches)  | 0.1968 inch |
| Net weight | 1.09 g  |                 |             |

## Temperatures

|                                  |                |                                  |               |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature              | -25 °C...55 °C | Ambient temperature              | -5 °C...40 °C |
| Continuous operating temp., min. | -50 °C         | Continuous operating temp., max. | 120 °C        |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Material data

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

## System specifications

|                                   |                               |                                     |    |
|-----------------------------------|-------------------------------|-------------------------------------|----|
| Version                           | Plug housing, in closed state | End cover plate required            | No |
| Number of levels                  | 1                             | Number of clamping points per level | 4  |
| Levels cross-connected internally | No                            | PE connection                       | No |

## Additional technical data

|                     |         |                          |    |
|---------------------|---------|--------------------------|----|
| Installation advice | Plug    | Explosion-tested version | No |
| Type of mounting    | Plugged |                          |    |

## Conductors for clamping (rated connection)

|   |                     |   |                     |
|---|---------------------|---|---------------------|
| Connection direction  | Inclined / angled   | Stripping length  | 4 mm                |
| Type of connection  | Plug-in connection  | Number of connections   | 4                   |
| Clamping range, max.  | 1 mm <sup>2</sup>   | Clamping range, min.  | 0.5 mm <sup>2</sup> |
| Blade size  | 0.6 x 3.5 mm        | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 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, max.                                    | 1 mm <sup>2</sup>   | Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup> |
| Connection cross-section, stranded, min. 0.5 mm <sup>2</sup>                            |                     | Wire connection cross-section, solid core, max.   | 6 mm <sup>2</sup>   |
| Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup> |   |                     |

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## Technical data

### General

|                 |                          |                     |      |
|-----------------|--------------------------|---------------------|------|
| Number of poles | 4                        | Installation advice | Plug |
| Standards       | IEC 60947-7-1, IEC 61984 |                     |      |

### Rating data

|                                 |                          |  |         |
|---------------------------------|--------------------------|--|---------|
| Rated cross-section             | 1.5 mm <sup>2</sup>      | Rated voltage                                | 63 V    |
| Rated DC voltage                | 63 V                     | Nominal current                              | 4 A     |
| Standards                       | IEC 60947-7-1, IEC 61984 | Volume resistance according to IEC 60947-7-x | 1.83 mΩ |
| Rated impulse withstand voltage | 1.5 kV                   | Power loss in accordance with IEC 60947-7-x  | 0.56 W  |
| Pollution severity              | 3                        |  |         |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002848    | ETIM 9.0    | EC002848    |
| ETIM 10.0   | EC002848    | ECLASS 14.0 | 27-25-03-90 |
| ECLASS 15.0 | 27-25-03-90 |             |             |

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## Accessories

## ... for Weidmüller DFF and ZRV contacts



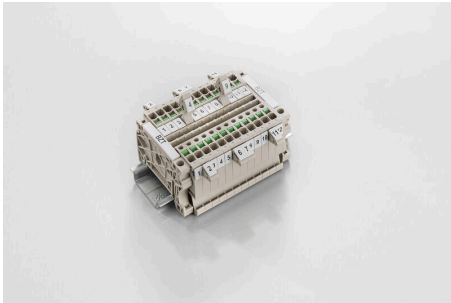
Crimping tools for for turned/stamped contact

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | HTF DFF                    | Version  |
| Order No.  | <a href="#">9014140000</a> | Pressing tool, Crimping tool for contacts, 0.22mm <sup>2</sup> , 2.5mm <sup>2</sup> , B-Crimp  |
| GTIN (EAN) | 4008190297305              |  |
| Qty.       | 1 ST                       |  |
| Type       | HTF ZRV                    | Version  |
| Order No.  | <a href="#">9014840000</a> | Pressing tool, Crimping tool for contacts, 0.2mm <sup>2</sup> , 1mm <sup>2</sup> , FoderBcrimp |
| GTIN (EAN) | 4008190949969              |  |
| Qty.       | 1 ST                       |  |

## Marker holder



The marker holder offer the possibility of additional mounting of standard markers with a pitch of 5 or 5.1 mm. The angled holders can be optionally snapped together and could be mounted in all standard marking channels of the Klippon® Connect modular terminal blocks. Fitting marker types could be found under the respective accessories of the designation marking holder.

## General ordering data

|            |                            |                            |
|------------|----------------------------|----------------------------|
| Type       | BZT 1 WS 10/5              | Version                    |
| Order No.  | <a href="#">1805490000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270231              |                            |
| Qty.       | 100 ST                     |                            |
| Type       | BZT 1 ZA WS 10/5           | Version                    |
| Order No.  | <a href="#">1805520000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248              |                            |
| Qty.       | 100 ST                     |                            |

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### Mounting support



We offer a broad portfolio of mounting support for easy handling and supplementation of our products. From various tools to insulating sleeves and various screws, our components are matched to each other down to the last detail and thus facilitate assembly in compliance with the respective standards and protective regulations.

### General ordering data

|            |                            |                     |  |
|------------|----------------------------|---------------------|--|
| Type       | ERWZ ZRV1.5                | Version             |  |
| Order No.  | <a href="#">1705350000</a> | Tools, Release tool |  |
| GTIN (EAN) | 4008190320386              |                     |  |
| Qty.       | 1 ST                       |                     |  |