**Weidmüller** ⒼⒺ

# Z-series
# ZP 2.5/1AN/QV

## Product image



**Spring connection with tension clamp Technology**
Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

## General ordering data

| | |
|---|---|
| Type | ZP 2.5/1AN/QV |
| Order No. | 1007900000 |
| Version | Z-series, Plug-in connector, Direct mounting |
| GTIN (EAN) | 4032248711277 |
| Qty. | 50 pc(s). |

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**Z-series**
**ZP 2.5/1AN/QV**

**Technical data**

### Dimensions and weights

| | | | |
|---|---|---|---|
| Width | 5.1 mm | Width (inches) | 0.201 inch |
| Height | 23 mm | Height (inches) | 0.906 inch |
| Depth | 41 mm | Depth (inches) | 1.614 inch |
| Net weight | 3.6 g | | |

### Temperatures

| | | | |
|---|---|---|---|
| Storage temperature, max. | 40 °C | Storage temperature, min. | 10 °C |
| Storage temperature | 10 °C...40 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C | | |

### Material data

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

### System specifications

| | | | |
|---|---|---|---|
| Version | Set of connectors, Cross-connector, pluggable, Tension-clamp connection | End cover plate required | Yes |
| Number of levels | 1 | No. of clamping points per level | 1 |
| Levels cross-connected internally | No | PE connection | No |

### Additional technical data

| | | | |
|---|---|---|---|
| Installation advice | Direct mounting | Open sides | right |
| Type of mounting | Plugged | | |

### CSA rating data

| | | | |
|---|---|---|---|
| Certificate number (cCSAus) | 154685-1460993 | Current size C (cCSAus) | 20 A |
| Current size D (cCSAus) | 5 A | Voltage size C (cCSAus) | 300 V |
| Voltage size D (cCSAus) | 600 V | Wire cross section max. (cCSAusX) | 12 AWG |
| Wire cross section min. (cCSAusX) | 26 AWG | | |

### Conductors for clamping (rated connection)

| | | | |
|---|---|---|---|
| Clamping range, max. | 4 mm² | Clamping range, min. | 0.13 mm² |
| Number of connections | 1 | Type of connection | Plug-in connection |
| Wire connection cross-section, solid core, max. | 4 mm² | | |

### Dimensions

| | |
|---|---|
| TS 35 offset | 31 mm |

### Rating data

| | | | |
|---|---|---|---|
| Rated cross-section | 2.5 mm² | Rated voltage | 500 V |
| Max. voltage of clamp support &amp; pluggable system | 690 V | Rated current | 24 A |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ | | |

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## Z-series
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**Technical data**

### UL rating data

| | | | |
|---|---|---|---|
| Certificate No. (cURus) | | Conductor size Factory wiring max. (cURus) | |
| | E60693 | | 12 AWG |
| Conductor size Factory wiring min. (cURus) | | Conductor size Field wiring max. (cURus) | |
| | 26 AWG | | 12 AWG |
| Conductor size Field wiring min. (cURus) | 26 AWG | Current size C (cURus) | 20 A |
| Current size D (cURus) | 5 A | Voltage size C (cURus) | 300 V |
| Voltage size D (cURus) | 600 V | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 3.0 | EC000897 | ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC000897 | ETIM 6.0 | EC002848 |
| UNSPSC | 30-21-18-01 | eClass 6.2 | 27-14-92-14 |
| eClass 7.1 | 27-14-03-05 | eClass 8.1 | 27-14-11-51 |
| eClass 9.0 | 27-14-11-92 | eClass 9.1 | 27-14-11-92 |

### Approvals

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

### Downloads

| | |
|---|---|
| Brochure/Catalogue | CAT 1 TERM 16/17 EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| Engineering Data | STEP |

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## Z-series
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**Accessories**

**Test adapter**



**Spring connection with tension clamp Technology**
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### General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---|---|---|---|---|
| ZTA ZT2.5/ZA | 1847600000 | Accessories, Test adapter, 17.5 A | 4032248412679 | 25 pc(s). |
| ZTA ZT2.5 | 1827080000 | Accessories, Test adapter, 17.5 A | 4032248411276 | 25 pc(s). |

**ZQV 2.5N**



**Spring connection with tension clamp Technology**
Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

### General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---|---|---|---|---|
| ZQV 2.5N/20 GE | 1909000000 | Z-series, Cross-connector, 24 A | 4032248535613 | 20 pc(s). |

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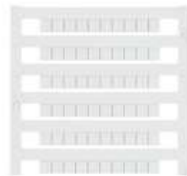**Data sheet**

**Z-series**
**ZP 2.5/1AN/QV**

**Accessories**

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## Blank

ZS markers - in proven MultiCard-format - have been developed specifically for the Z-series. They have a large printing area. The hinged mechanism even allows access to cross-connectors without dismantling. Quick installation is guaranteed by the fact that the single tags are clipped on in strips. The single tags are easy to separate.
• Hinged marker area
• Can be fitted in strips or individually
• Markers in proven MultiCard format

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---|---|---|---|---|
| ZS 10/5 MC NE WS | 1610000000 | ZS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white | 4008190263171 | 480 pc(s). |

## Tools

Tools for removing the sheathing of uncut power cables and outgoing feeders, plus screwdrivers for installing FieldPower components.

### General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---|---|---|---|---|
| SDS 0.6X3.5X100 | 9008330000 | Screwdriver, Blade width (B): 3.5 mm, Blade length: 100 mm, Blade thickness (A): 0.6 mm | 4032248056286 | 1 pc(s). |

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**Accessories**

## Marking Holder

**Spring connection with tension clamp Technology**
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### General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---|---|---|---|---|
| BZT 1 ZA WS 10/5 | 1805520000 | Accessories, Marker holder | 4032248270248 | 100 pc(s). |
| BZT 1 WS 10/5 | 1805490000 | Accessories, Marker holder | 4032248270231 | 100 pc(s). |

## Blank

The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.
Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.
• Large range of ready-to-use markers
• Strips for fast installation
• Terminal markers, suitable for all Weidmüller cable connectors
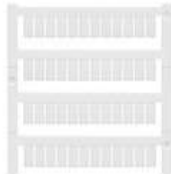• Available as blank MultiCard or with standard printing

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---|---|---|---|---|
| DEK 5/5 MC NE BL | 1609801693 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, blue | 4008190397166 | 1,000 pc(s). |

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## Accessories

### Blank

WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text.
WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with laser printer, PrintJet ADVANCED, plotter or MC-Mobilo is possible.
• Can be fitted in strips or individually
• Markers in proven MultiCard format

**For custom printing:** Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

### General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---|---|---|---|---|
| WS 10/5 MC NE WS | 1635000000 | WS, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Weidmueller, Allen-Bradley, white | 4008190261948 | 720 pc(s). |

### STR transparent strips

The various terminal markers from Weidmüller enable users to solve virtually every labelling task on all types of lines. Whether several lines of labelling, ready-to-use markers with standard printing, or individual labelling, whether white or coloured markers or common designations at the clamping points, the comprehensive range of products represent the easy, quick and clear answer to every marking task.

### General ordering data

| Type | Order No. | Version | GTIN (EAN) | Qty. |
|---|---|---|---|---|
| STR 7 F.SCHT 7 | 0515300000 | Terminal markers, Protective cap, 27 x 6.3 mm, Transparent | 4008190182175 | 20 pc(s). |

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