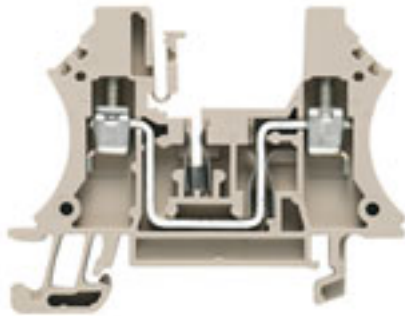


**WPO 4****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

**General ordering data**

|            |  |
|------------|--|
| Version    | Component terminal block, Screw connection, 4 mm <sup>2</sup> , 250 V, 32 A, TS 35, dark beige |
| Order No.  | <a href="#">1036000000</a>   |
| Type       | WPO 4  |
| GTIN (EAN) | 4008190278175  |
| Qty.       | 50 pc(s).  |

## WPO 4

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## Technical data

## Dimensions and weights

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 46.5 mm    | Depth (inches) | 1.831 inch |
| Depth including DIN rail | 47 mm      | Height         | 60 mm      |
| Height (inches)          | 2.362 inch | Width          | 6 mm       |
| Width (inches)           | 0.236 inch | Net weight     | 10.89 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 | dark beige |
| UL 94 flammability rating | V-0   |        |            |

## System specifications

|                                     |  |                               |     |
|-------------------------------------|--|-------------------------------|-----|
| Version                             | Screw connection, for plug-in cross-connector, One end without connector | End cover plate required      | Yes |
| Number of potentials                | 1  | Number of levels              | 1   |
| Number of clamping points per level | 2  | Number of potentials per tier | 1   |
| Levels cross-connected internally   | No   | PE connection                 | No  |
| Rail                                | TS 35  | N-function                    | No  |
| PE function                         | No   | PEN function                  | No  |

## 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

|   |                     |  |                     |
|---|---------------------|--|---------------------|
| Wire connection cross section, finely stranded, two clampable wires, min. | 0.5 mm <sup>2</sup> | Wire cross-section, finely stranded, two clampable wires, max. | 1.5 mm <sup>2</sup> |
|---|---------------------|--|---------------------|

## Additional technical data

|                          |       |                             |         |
|--------------------------|-------|-----------------------------|---------|
| Explosion-tested version | No    | Number of similar terminals | 1       |
| Open sides               | right | Type of mounting            | Snap-on |

## CSA rating data

|                               |                |                               |        |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA)         | 200039-1057876 | 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) | 12 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. | 4 mm <sup>2</sup> |
|---|-------------------|

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## Technical data

## Conductors for clamping (rated connection)

|   |                      |   |                     |
|---|----------------------|---|---------------------|
| Blade size  | 0.6 x 3.5 mm         | Clamping range, max.  | 4 mm <sup>2</sup>   |
| Clamping range, min.  | 0.13 mm <sup>2</sup> | Clamping screw  | M 3                 |
| Connection direction  | on side              | Gauge to IEC 60947-1  | A3                  |
| Number of connections   | 2                    | Stripping length  | 8 mm                |
| Tightening torque, max.   | 1 Nm                 | Tightening torque, min.   | 0.5 Nm              |
| Torque level with DMS electric screw-driver   | 2                    | Type of connection  | Screw connection    |
| Type of connection 2  | Screw connection     | Wire connection cross section AWG, max.   | AWG 12              |
| Wire connection cross section AWG, min.   | AWG 26               | Wire connection cross section, finely stranded, max.                                    | 4 mm <sup>2</sup>   |
| Wire connection cross section, finely stranded, min.                                    | 0.5 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 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.   | 4 mm <sup>2</sup>   |
| Wire connection cross-section, solid core, min.   | 0.5 mm <sup>2</sup>  |   |                     |

## Dimensions

|              |       |
|--------------|-------|
| TS 35 offset | 32 mm |
|--------------|-------|

## General

|   |        |   |               |
|---|--------|---|---------------|
| Rail                                    | TS 35  | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 12 | Wire connection cross section AWG, min. | AWG 26        |

## Rating data

|  |                   |                                 |               |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section                          | 4 mm <sup>2</sup> | Rated voltage                   | 250 V         |
| Rated DC voltage                             | 250 V             | Rated current                   | 32 A          |
| Current at maximum wires                     | 32 A              | Standards                       | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ              | Rated impulse withstand voltage | 4 kV          |
| Power loss in accordance with IEC 60947-7-x  | 1.02 W            | Pollution severity              | 3             |

## UL rating data

|  |        |  |        |
|--|--------|--|--------|
| Certificate No. (cURus)                    | E60693 | Conductor size Factory wiring max. (cURus) | 12 AWG |
| Conductor size Factory wiring min. (cURus) | 26 AWG | Conductor size Field wiring max. (cURus)   | 12 AWG |
| Conductor size Field wiring min. (cURus)   | 26 AWG | Current size B (cURus)                     | 10 A   |
| Current size D (cURus)                     | 10 A   | Voltage size B (cURus)                     | 300 V  |
| Voltage size D (cURus)                     | 300 V  |  |        |

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## Technical data

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000903    | ETIM 7.0    | EC000903    |
| ETIM 8.0    | EC000903    | ETIM 9.0    | EC000903    |
| ECLASS 9.0  | 27-14-11-27 | ECLASS 9.1  | 27-14-11-47 |
| ECLASS 10.0 | 27-14-11-27 | ECLASS 11.0 | 27-14-11-27 |
| ECLASS 12.0 | 27-14-11-27 | ECLASS 13.0 | 27-25-01-14 |

## Environmental Product Compliance

REACH SVHC /

## Important note

Product information The allowed continuous operating temperature must be observed

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E60693     |

## Downloads

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">CE Declaration of Conformity</a><br><a href="#">UKCA declaration of conformity</a><br><a href="#">Confirmation of Standards EN 45545-2_2020-10</a> |
| Engineering Data                            | <a href="#">CAD data – 21857_WPO_4_DXF.dxf</a><br><a href="#">CAD data – STEP</a>  |
| Engineering Data                            | <a href="#">Zuken E3.S</a>   |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>   |
| Brochures                                   |  |

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## Drawings



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## Accessories

## Copper



Of all the metals used, copper has the best electrical conductivity, which results in the highest short-circuit resistance. This makes the copper busbar the most widely used variant.

## General ordering data

|            |                            |                   |
|------------|----------------------------|-------------------|
| Type       | SSCH 7.3X1.2X1000          | Version           |
| Order No.  | <a href="#">1071200000</a> | Busbar (terminal) |
| GTIN (EAN) | 4008190279172              |                   |
| Qty.       | 1 m                        |                   |

## W-Series



A partition plate is used for the optical separation of circuits or used for electrical isolation from neighbouring cross-connectors. In contrast to the end plate, the contour can be larger than the adjacent terminal blocks. However, it should not be smaller, as otherwise the required clearance and creepage distances within the application can no longer be maintained.

## General ordering data

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | ZR WPO4 DB                 | Version                      |
| Order No.  | <a href="#">1071100000</a> | W-Series, Intermediate frame |
| GTIN (EAN) | 4008190278106              |                              |
| Qty.       | 20 pc(s).                  |                              |

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## Accessories

## 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       | DEK 5/6 MC NE WS           | Version   |
| Order No.  | <a href="#">1609820000</a> | Dekafix, Terminal marker, 5 x 6 mm, Pitch in mm (P): 6.00 |
| GTIN (EAN) | 4008190203436              | Weidmueller, white  |
| Qty.       | 1,000 pc(s).               |   |

## 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<sup>®</sup> 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 pc(s).                 |                            |

|            |                            |                            |
|------------|----------------------------|----------------------------|
| Type       | BZT 1 ZA WS 10/5           | Version                    |
| Order No.  | <a href="#">1805520000</a> | Accessories, Marker holder |
| GTIN (EAN) | 4032248270248              |                            |
| Qty.       | 100 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 PrintJet CONNECT oder/or Plotter 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       | WS 10/6 M MC NE WS         | Version  |
| Order No.  | <a href="#">1818400000</a> | WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller, |
| GTIN (EAN) | 4032248310876              | Allen-Bradley, white   |
| Qty.       | 600 pc(s).                 |  |