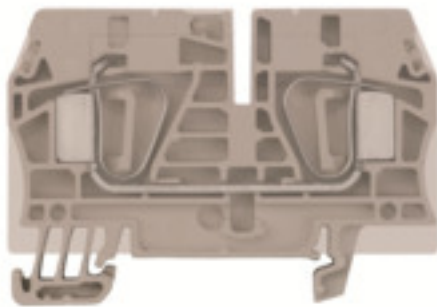


**ZEI 6****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

You safely and efficiently distribute electricity to the power consumers with our W-Series feed-through terminal blocks and our optimised WPD phase distribution blocks.

**General ordering data**

|            |                                                                                        |
|------------|----------------------------------------------------------------------------------------|
| Version    | Supply terminal, Tension-clamp connection, 6 mm <sup>2</sup> , 500 V, 41 A, dark beige |
| Order No.  | <a href="#">1791190000</a>                                                             |
| Type       | ZEI 6                                                                                  |
| GTIN (EAN) | 4032248230662                                                                          |
| Qty.       | 20 pc(s).                                                                              |

## ZEI 6

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## Technical data

## Dimensions and weights

|                          |            |                |            |
|--------------------------|------------|----------------|------------|
| Depth                    | 45 mm      | Depth (inches) | 1.772 inch |
| Depth including DIN rail | 45.5 mm    | Height         | 65 mm      |
| Height (inches)          | 2.559 inch | Net weight     | 20.46 g    |
| Width                    | 10 mm      | Width (inches) | 0.394 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                           | Tension-clamp connection, Supply terminal, for plug-in cross-connector, in closed state | End cover plate required            | No |
| Number of levels                  | 1                                                                                       | Number of clamping points per level | 2  |
| Levels cross-connected internally | No                                                                                      | PE connection                       | No |
| Rail                              | TS 35                                                                                   |                                     |    |

## Additional technical data

|                          |         |            |        |
|--------------------------|---------|------------|--------|
| Explosion-tested version | No      | Open sides | closed |
| Type of mounting         | Snap-on |            |        |

## Conductors for clamping (rated connection)

|                                                                                         |                     |                                                                                         |                          |
|-----------------------------------------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------|--------------------------|
| Blade size                                                                              | 1.0 x 5.5 mm        | Clamping range, max.                                                                    | 10 mm <sup>2</sup>       |
| Clamping range, min.                                                                    | 0.5 mm <sup>2</sup> | Connection direction                                                                    | top                      |
| Gauge to IEC 60947-1                                                                    | A5                  | Number of connections                                                                   | 2                        |
| Stripping length                                                                        | 13 mm               | Twin wire-end ferrules, max.                                                            | 2.5 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 8               | Wire connection cross section AWG, min.                                                 | AWG 22                   |
| Wire connection cross section, finely stranded, max.                                    | 10 mm <sup>2</sup>  | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 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. | 6 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.                                         | 10 mm <sup>2</sup>       |
| Wire connection cross-section, solid core, min.                                         | 0.5 mm <sup>2</sup> |                                                                                         |                          |

## Dimensions

|              |       |
|--------------|-------|
| TS 35 offset | 39 mm |
|--------------|-------|

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## Technical data

## General

|                                         |       |                                         |               |
|-----------------------------------------|-------|-----------------------------------------|---------------|
| Rail                                    | TS 35 | Standards                               | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 22        |

## Rating data

|                                              |         |                                 |                   |
|----------------------------------------------|---------|---------------------------------|-------------------|
| Power loss in accordance with IEC 60947-7-x  | 1.31 W  | Rated cross-section             | 6 mm <sup>2</sup> |
| Rated voltage                                | 500 V   | Rated current                   | 41 A              |
| Current at maximum wires                     | 57 A    | Standards                       | IEC 60947-7-1     |
| Volume resistance according to IEC 60947-7-x | 0.78 mΩ | Rated impulse withstand voltage | 8 kV              |
| Pollution severity                           | 4       |                                 |                   |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ECLASS 9.0  | 27-14-11-20 | ECLASS 9.1  | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |

## Approvals

Approvals



ROHS Conform

## Downloads

|                                             |                                                                                                                           |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">EAC certificate</a><br><a href="#">Declaration of Conformity</a><br><a href="#">Declaration of Conformity</a> |
| Engineering Data                            | <a href="#">STEP</a>                                                                                                      |
| Engineering Data                            | <a href="#">EPLAN, WSCAD, Zuken E3.S</a>                                                                                  |
| User Documentation                          | <a href="#">StorageConditionsTerminalBlocks</a>                                                                           |

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## Drawings

