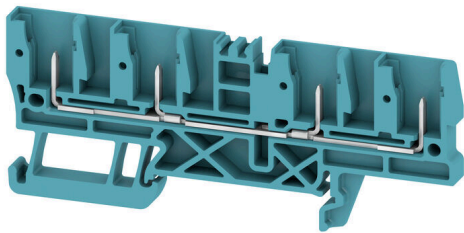


**ZT 2.5/4AN/4 BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Some applications demand for a pluggable, modular solution to be more flexible or to facilitate the installation. Where complete functional units have to be prefabricated or replaced, modular and flexible connection systems are required. Our pluggable terminal blocks can be quickly assembled and are completely factory tested.

**General ordering data**

|            |  |
|------------|--|
| Version    | Z-series, Feed-through terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension-clamp connection, Plug-in connection |
| Order No.  | <a href="#">2702510000</a>   |
| Type       | ZT 2.5/4AN/4 BL  |
| GTIN (EAN) | 4050118711547  |
| Qty.       | 50 items   |

## ZT 2.5/4AN/4 BL

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## Technical data

### Approvals

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

### Dimensions and weights

|                          |             |                |             |
|--------------------------|-------------|----------------|-------------|
| Depth                    | 34.5 mm     | Depth (inches) | 1.3583 inch |
| Depth including DIN rail | 35 mm       | Height         | 85.5 mm     |
| Height (inches)          | 3.3661 inch | Width          | 5.1 mm      |
| Width (inches)           | 0.2008 inch | Net weight     | 9 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 | blue |
| UL 94 flammability rating | V-0   |        |      |

### System specifications

|                               |                                  |                                     |     |
|-------------------------------|----------------------------------|-------------------------------------|-----|
| Version                       | 4 plug-in connections, pluggable | End cover plate required            | Yes |
| Number of levels              | 1                                | Number of clamping points per level | 4   |
| Number of potentials per tier | 1                                | Levels cross-connected internally   | No  |

### Additional technical data

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

### Conductors for clamping (rated connection)

|   |                      |   |  |
|---|----------------------|---|--|
| Connection direction                            | top                  | Type of connection                              | Tension-clamp connection, Plug-in connection |
| Number of connections                           | 4                    | Clamping range, max.                            | 4 mm <sup>2</sup>                            |
| Clamping range, min.                            | 0.13 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>  |   |  |

### General

|           |                                  |
|-----------|----------------------------------|
| Standards | In accordance with IEC 60947-7-1 |
|-----------|----------------------------------|

### Rating data

|                     |                     |                          |       |
|---------------------|---------------------|--------------------------|-------|
| Rated cross-section | 2.5 mm <sup>2</sup> | Rated DC voltage         | 500 V |
| Nominal current     | 24 A                | Current at maximum wires | 24 A  |

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**Technical data**

|                                 |                                  |  |         |
|---------------------------------|----------------------------------|--|---------|
| Standards                       | In accordance with IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage | 6 kV                             | Power loss in accordance with IEC 60947-7-x  | 0.77 W  |
| Pollution severity              | 3                                |  |         |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC000897    | ETIM 9.0    | EC000897    |
| ETIM 10.0   | EC000897    | ECLASS 14.0 | 27-25-01-17 |
| ECLASS 15.0 | 27-25-01-17 |             |             |