

**Z-series  
ZSI 2.5/LD 28AC BL**

**Weidmüller Interface GmbH & Co. KG**  
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**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       | ZSI 2.5/LD 28AC BL                                                                           |
| Order No.  | <a href="#">1334480000</a>                                                                   |
| Version    | Z-series, Fuse terminal, Rated cross-section: 2.5 mm <sup>2</sup> , Tension-clamp connection |
| GTIN (EAN) | 4050118137590                                                                                |
| Qty.       | 50 pc(s).                                                                                    |

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## Technical data

### Dimensions and weights

|                          |         |                 |            |
|--------------------------|---------|-----------------|------------|
| Width                    | 7.9 mm  | Width (inches)  | 0.311 inch |
| Height                   | 79.5 mm | Height (inches) | 3.13 inch  |
| Depth                    | 73 mm   | Depth (inches)  | 2.874 inch |
| Depth including DIN rail | 74 mm   | Net weight      | 19.63 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 | blue |
| UL 94 flammability rating | V-0   |        |      |

### System specifications

|                                   |                                                                                                            |                               |     |
|-----------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------|-----|
| Version                           | Tension-clamp connection, Fuse cartridge, with LED, for plug-in cross-connector, One end without connector | End cover plate required      | Yes |
| Number of potentials              | 1                                                                                                          | Number of levels              | 1   |
| No. 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                    | Yes |
| PE function                       | No                                                                                                         | PEN function                  | No  |

### Additional technical data

|                  |         |
|------------------|---------|
| Type of mounting | Snap-on |
|------------------|---------|

### Conductors for clamping (rated connection)

|                       |   |                    |                          |
|-----------------------|---|--------------------|--------------------------|
| Number of connections | 2 | Type of connection | Tension-clamp connection |
|-----------------------|---|--------------------|--------------------------|

### Fuse terminals

|                                                                                    |                       |                                                                                  |                       |
|------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------|-----------------------|
| Cartridge fuse                                                                     | G-Si. 5 x 20          | Power loss for overload and short-circuit protection for a composite arrangement | 1.6 W at 6.3 A @ 41°C |
| Power loss for overload and short-circuit protection for an individual arrangement | 2.5 W at 2.5 A @ 27°C | Power loss for short-circuit protection only for a composite arrangement         | 2.5 W at 6.3 A @ 55°C |
| Power loss for short-circuit protection only for an individual arrangement         | 4.0 W at 6.3 A @ 52°C |                                                                                  |                       |

### Rating data

|                                              |                     |               |       |
|----------------------------------------------|---------------------|---------------|-------|
| Rated cross-section                          | 2.5 mm <sup>2</sup> | Rated voltage | 28 V  |
| Rated voltage to adjoining terminal          | 500 V               | Rated current | 6.3 A |
| Volume resistance according to IEC 60947-7-x | 1.33 mΩ             |               |       |

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**Technical data****Classifications**

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 5.0   | EC000899    | ETIM 6.0   | EC000899    |
| eClass 6.2 | 27-14-11-16 | eClass 7.1 | 27-14-11-16 |
| eClass 8.1 | 27-14-11-16 | eClass 9.0 | 27-14-11-16 |
| eClass 9.1 | 27-14-11-16 |            |             |

**Approvals**

Approvals



ROHS

Conform

**Downloads**

|                    |                                              |
|--------------------|----------------------------------------------|
| Engineering Data   | <a href="#">EPLAN_WSCAD</a>                  |
| Engineering Data   | <a href="#">STEP</a>                         |
| User Documentation | <a href="#">Beipackzettel_SAKS_GL_LD.pdf</a> |

**Safety note**

|               |                                    |
|---------------|------------------------------------|
| Safety notice | <a href="#">Safety Information</a> |
|---------------|------------------------------------|