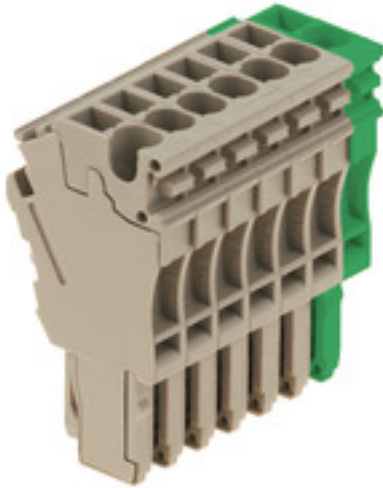


**ZP 2.5/1AN/QV/7 GN/BE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

**General ordering data**

|            |                                              |
|------------|----------------------------------------------|
| Version    | Z-series, Plug-in connector, Direct mounting |
| Order No.  | <a href="#">1142550000</a>                   |
| Type       | ZP 2.5/1AN/QV/7 GN/BE                        |
| GTIN (EAN) | 4032248925728                                |
| Qty.       | 25 pc(s).                                    |

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**Technical data**
**Dimensions and weights**

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 41 mm      | Depth (inches)  | 1.614 inch |
| Height         | 37 mm      | Height (inches) | 1.457 inch |
| Net weight     | 25.56 g    | Width           | 35.7 mm    |
| Width (inches) | 1.406 inch |                 |            |

**Temperatures**

|                                  |                |                                  |     |
|----------------------------------|----------------|----------------------------------|-----|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 |
| Continuous operating temp., max. | 120            |                                  |     |

**Material data**

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

**System specifications**

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

**Additional technical data**

|                     |                 |            |        |
|---------------------|-----------------|------------|--------|
| Installation advice | Direct mounting | Open sides | closed |
| 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 mm <sup>2</sup>  | Clamping range, min.                            | 0.13 mm <sup>2</sup> |
| Number of connections | 7                  | Stripping length                                | 10 mm                |
| Type of connection    | Plug-in connection | Wire connection cross-section, solid core, max. | 4 mm <sup>2</sup>    |

**General**

|                     |                 |                 |   |
|---------------------|-----------------|-----------------|---|
| Installation advice | Direct mounting | Number of poles | 7 |
|---------------------|-----------------|-----------------|---|

**Rating data**

|                                             |        |                                                  |                     |
|---------------------------------------------|--------|--------------------------------------------------|---------------------|
| Power loss in accordance with IEC 60947-7-x | 0.77 W | Rated cross-section                              | 2.5 mm <sup>2</sup> |
| Rated voltage                               | 500 V  | Max. voltage of clamp support & pluggable system | 690 V               |
| Rated current                               | 24 A   | Volume resistance according to IEC 60947-7-x     | 1.33 mΩ             |

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**Technical data****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 C (cURus)                     | 20 A   |
| Current size D (cURus)                     | 5 A    | Voltage size C (cURus)                     | 300 V  |
| Voltage size D (cURus)                     | 600 V  |                                            |        |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002848    | ETIM 7.0    | EC002848    |
| ECLASS 9.0  | 27-14-11-92 | ECLASS 9.1  | 27-14-11-92 |
| ECLASS 10.0 | 27-14-11-92 | ECLASS 11.0 | 27-14-11-92 |

**Approvals**

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E60693  |

**Downloads**

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