

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

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, PE terminal, Rated cross-section: 2.5 mm ² , Tension-clamp connection, Green/yellow |
| Order No. | 1815140000 |
| Type | ZTPE 2.5/4AN/4 |
| GTIN (EAN) | 4032248370054 |
| Qty. | 50 pc(s). |

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Catalogue status 18.02.2023 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

| | | | |
|--------------------------|------------|----------------|------------|
| Depth | 34.5 mm | Depth (inches) | 1.358 inch |
| Depth including DIN rail | 35 mm | Height | 85.5 mm |
| Height (inches) | 3.366 inch | Width | 5.1 mm |
| Width (inches) | 0.201 inch | Net weight | 12.42 g |

Temperatures

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

Material data

| | | | |
|---------------------------|-------|--------|--------------|
| Material | Wemid | Colour | Green/yellow |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-----------------------------------|--|-------------------------------------|-----|
| Version | 4 plug-in connections, pluggable, With PE connection | End cover plate required | Yes |
| Number of levels | 1 | Number of clamping points per level | 4 |
| Levels cross-connected internally | No | PE connection | Yes |
| Rail | TS 35 | PEN function | No |

Additional technical data

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

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 (additional connection)

| | | | |
|---|---------------------|--|--------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 2.5 mm ² | Connection type, additional connection | Plug-in connection |
|---|---------------------|--|--------------------|

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Technical data**Conductors for clamping (rated connection)**

| | | | |
|---|----------------------|---|--------------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.13 mm ² | Connection direction | top |
| Gauge to IEC 60947-1 | A2 | Number of connections | 4 |
| Stripping length | 10 mm | Type of connection | Tension-clamp connection |
| Wire connection cross section AWG, max. | AWG 26 | Wire connection cross section AWG, min. | AWG 12 |
| Wire connection cross section, finely stranded, max. | 4 mm ² | Wire connection cross section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 4 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

General

| | | | |
|---|--------|---|----------------------------------|
| Rail | TS 35 | Standards | In accordance with IEC 60947-7-2 |
| Wire connection cross section AWG, max. | AWG 26 | Wire connection cross section AWG, min. | AWG 12 |

Rating data

| | | | |
|--|----------------------------------|---|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 500 V |
| Rated voltage to adjoining terminal | 500 V | Max. voltage of clamp support & amp; pluggable system | 690 V |
| Standards | In accordance with IEC 60947-7-2 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage to adjacent terminal | 6 kV | Power loss in accordance with IEC 60947-7-x | 0.77 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 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000901 | ETIM 7.0 | EC000901 |
| ETIM 8.0 | EC000901 | ECLASS 9.0 | 27-14-11-41 |
| ECLASS 9.1 | 27-14-11-41 | ECLASS 10.0 | 27-14-11-41 |
| ECLASS 11.0 | 27-14-11-41 | ECLASS 12.0 | 27-14-11-41 |

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Technical data

Approvals

Approvals



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

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | EAC certificate DNVGL certificate CB Testreport CB Certificate Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD, Zuken E3.S |
| Product Change Notification | PCN_ZPE_Q2_2021 - EN PCN_ZPE_Q2_2021 - DE Product Change Notification ZPE Q1/2022 DE Product Change Notification Q1/2022 EN |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

Data sheet

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Drawings

