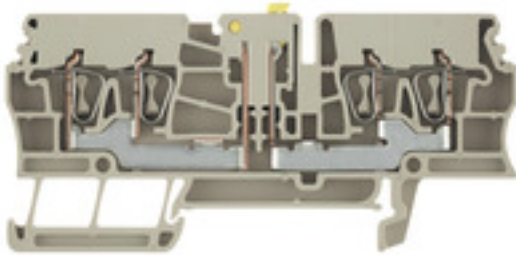


**Z-series
ZTR 2.5/4AN**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

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 | ZTR 2.5/4AN |
| Order No. | 792090000 |
| Version | Test-disconnect terminal, Tension clamp connection, 2.5 mm ² , 400 V, 16 A, Pivoting, Dark Beige |
| GTIN (EAN) | 4032248279005 |
| Qty. | 100 pc(s). |

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Technical data**Dimensions and weights**

| | | | |
|--------------------------|---------|-----------------|------------|
| Width | 5.1 mm | Width (inches) | 0.201 inch |
| Height | 82.5 mm | Height (inches) | 3.248 inch |
| Depth | 38.5 mm | Depth (inches) | 1.516 inch |
| Depth including DIN rail | 41 mm | Net weight | 11.54 g |

Temperatures

| | | | |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -50 °C | Continuous operating temp., max. | 120 °C |
|----------------------------------|--------|----------------------------------|--------|

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | Dark Beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-----------------------------------|---|-------------------------------|-----|
| Version | Tension-clamp connection, Disconnection element, 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 | 4 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Mounting rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

Additional technical data

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

CSA rating data

| | | | |
|-------------------------------|----------------|-------------------------------|--------|
| Certificate No. (CSA) | 200039-1152892 | Current size B (CSA) | 10 A |
| Current size C (CSA) | 10 A | Voltage size B (CSA) | 300 V |
| Voltage size C (CSA) | 300 V | Wire cross section max. (CSA) | 12 AWG |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (additional connection)

| | |
|---|---------------------|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 1.5 mm ² |
|---|---------------------|

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Technical data
Conductors for clamping (rated connection)

| | | | |
|---|----------------------|---|--------------------------|
| Blade size | 0.6 x 3.5 mm | Clamping range, max. | 2.5 mm ² |
| Clamping range, min. | 0.05 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 12 | Wire connection cross section AWG, min. | AWG 30 |
| Wire connection cross section, finely stranded, max. | 2.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 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. | 1.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, finely stranded, min. | 0.5 mm ² |
| Wire connection cross-section, solid core, max. | 2.5 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Disconnect terminals

| | | | |
|------------------|----------|----------------------|----|
| Cross-disconnect | without | Integral test socket | No |
| Slitting | Pivoting | | |

Rating data

| | | | |
|---------------------------------|---------------------|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage | 400 V |
| Rated current | 16 A | Current at maximum wires | 16 A |
| Standards | IEC 60947-7-1 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |
| Rated impulse withstand voltage | 6 kV | Pollution severity | 3 |

UL rating data

| | | | |
|---|--------|--|--------|
| Certificate No. (UR) | E60693 | Certificate No. (cURus) | E60693 |
| Conductor size Factory wiring max. (UR) | 12 AWG | Conductor size Factory wiring max. (cURus) | 12 AWG |
| Conductor size Factory wiring min. (UR) | 30 AWG | Conductor size Factory wiring min. (cURus) | 30 AWG |
| Conductor size Field wiring max. (UR) | 12 AWG | Conductor size Field wiring max. (cURus) | 12 AWG |
| Conductor size Field wiring min. (UR) | 30 AWG | Conductor size Field wiring min. (cURus) | 30 AWG |
| Current size B (cURus) | 10 A | Current size D (UR) | 10 A |
| Current size D (cURus) | 10 A | Voltage size B (cURus) | 300 V |
| Voltage size D (UR) | 300 V | Voltage size D (cURus) | 300 V |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000902 | ETIM 4.0 | EC000902 |
| ETIM 5.0 | EC000902 | ETIM 6.0 | EC000902 |
| UNSPSC | 30-21-18-11 | eClass 5.1 | 27-14-11-26 |
| eClass 6.2 | 27-14-11-26 | eClass 7.1 | 27-14-11-26 |
| eClass 8.1 | 27-14-11-26 | eClass 9.0 | 27-14-11-26 |
| eClass 9.1 | 27-14-11-26 | | |

Data sheet

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Technical data

Product information

| | |
|---------------------------------|---|
| Descriptive text technical data | 2.5 mm ² flexible wires with wire-end ferrules are crimped with the Weidmüller PZ 6/5 crimping tool. |
| Instructions for accessories | If the disconnect lever is replaced by the SIHA 3, a fused terminal is created. |

Approvals

Approvals



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

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | DE_PT1102_20160418_1492_ISSUE01.pdf |
| Brochure/Catalogue | CAT 1 TERM 16/17 EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| Engineering Data | STEP |

Safety note

| | |
|---------------|------------------------------------|
| Safety notice | Safety Information |
|---------------|------------------------------------|

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Drawings

