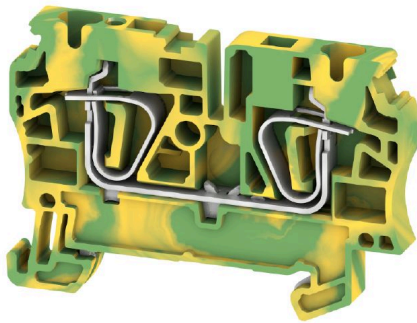


ZPE 4**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

A protective feed through terminal block is an electrical conductor for the purpose of safety and is used in many applications. To establish the electrical and mechanical connection between copper conductors and the mounting support plate, PE terminal blocks are used. They have one or more contact points for connection with and/or bifurcation of protective earth conductors.

General ordering data

| | |
|------------|---|
| Version | PE terminal, Tension-clamp connection, 4 mm ² , 480 A (4 mm ²), Green/yellow |
| Order No. | 1632080000 |
| Type | ZPE 4 |
| GTIN (EAN) | 4008190263218 |
| Qty. | 50 ST |

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Technical data

Approvals

Approvals



| | |
|---------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E60693 |
| Certificate No. (cURusEX) | E184763 |

Dimensions and weights

| | | | |
|--------------------------|-------------|----------------|-------------|
| Depth | 43 mm | Depth (inches) | 1.6929 inch |
| Depth including DIN rail | 43.5 mm | Height | 62.5 mm |
| Height (inches) | 2.4606 inch | Width | 6.1 mm |
| Width (inches) | 0.2402 inch | Net weight | 14.04 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

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

Rating data IECEX/ATEX

| | | | |
|--------------------------------|-------------------|---------------------------------|-------------------|
| Certificate No. (ATEX) | DEMKO15ATEX1467U | Certificate No. (IECEX) | IECEXULD15.0008U |
| Wire cross section max. (ATEX) | 6 mm ² | Wire cross section max. (IECEX) | 6 mm ² |
| Marking EN 60079-7 | Ex eb II C Gb | Ex 2014/34/EU label | II 2 G D |

System specifications

| | | | |
|-------------------------------------|---|-----------------------------------|-------|
| Version | Tension-clamp connection, With PE connection, One end without connector | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Levels cross-connected internally | No |
| PE connection | Yes | Rail | TS 35 |
| PE function | Yes | PEN function | No |

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Technical data

Additional technical data

| | | | |
|--------------------------|-------|-----------------------------|---------|
| Open sides | right | Number of similar terminals | 1 |
| Explosion-tested version | Yes | Type of mounting | Snap-on |

CSA rating data

| | | | |
|-------------------------------|--------|-----------------------|----------------|
| Wire cross section max. (CSA) | 10 AWG | Certificate No. (CSA) | 200039-1152892 |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (additional connection)

| | |
|--|--------------------------|
| Connection type, additional connection | Tension-clamp connection |
|--|--------------------------|

Conductors for clamping (rated connection)

| | | | |
|---|--|---------|----------------------|
| | | | |
| Gauge to IEC 60947-1 | A4 | | |
| Wire connection cross section AWG, max. | AWG 10 | | |
| Connection direction | top | | |
| Stripping length | 12 mm | | |
| Type of connection | Tension-clamp connection | | |
| Number of connections | 2 | | |
| Clamping range, max. | 6 mm ² | | |
| Clamping range, min. | 0.13 mm ² | | |
| Blade size | 0.6 x 3.5 mm | | |
| Wire connection cross section AWG, min. | AWG 26 | | |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 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 with wire-end ferrules DIN 46228/1, max. | 4 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, max. | 6 mm ² | | |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | | |
| Connection cross-section, stranded, max. | 6 mm ² | | |
| Connection cross-section, stranded, min. | 1.5 mm ² | | |
| Wire connection cross-section, solid core, max. | 6 mm ² | | |
| Wire connection cross-section, solid core, min. | 0.5 mm ² | | |
| Tube length for wire-end ferrule with plastic collar DIN 46228/4 | Tube length | min. | 8 mm |
| | | max. | 10 mm |
| | Cross-section for conductor connection | nominal | 0.5 mm ² |
| | Tube length | min. | 6 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 0.75 mm ² |
| | Tube length | min. | 6 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 1 mm ² |

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Technical data

| | | | |
|---|--|---------|----------------------|
| Tube length for twin wire-end ferrule | Tube length | min. | 8 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 1.5 mm ² |
| | Tube length | min. | 8 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 2.5 mm ² |
| | Tube length | min. | 10 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 4 mm ² |
| | Tube length | min. | 8 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 0.5 mm ² |
| Tube length for wire-end ferrule without plastic collar DIN 46228/1 | Tube length | min. | 8 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 0.75 mm ² |
| | Tube length | min. | 8 mm |
| | | max. | 12 mm |
| | Cross-section for conductor connection | nominal | 1 mm ² |
| | Tube length | nominal | 12 mm |
| | Cross-section for conductor connection | nominal | 0.5 mm ² |
| | Tube length | nominal | 12 mm |
| | Cross-section for conductor connection | nominal | 0.75 mm ² |
| | Tube length | nominal | 12 mm |
| | Cross-section for conductor connection | nominal | 1 mm ² |
| | Tube length | nominal | 12 mm |
| | Cross-section for conductor connection | nominal | 1.5 mm ² |
| | Tube length | nominal | 12 mm |
| | Cross-section for conductor connection | nominal | 2.5 mm ² |
| | Tube length | nominal | 12 mm |
| | Cross-section for conductor connection | nominal | 4 mm ² |

General

| | | | |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 10 | Wire connection cross section AWG, min. | AWG 26 |
| Standards | IEC 60947-7-2 | Rail | TS 35 |

PE rating data

| | | | |
|--------------------------|----------------------------|--------------|----|
| Rated short-time current | 480 A (4 mm ²) | PEN function | No |
|--------------------------|----------------------------|--------------|----|

Rating data

| | | | |
|--|-------------------|--|---------------|
| Rated cross-section | 4 mm ² | Rated voltage to adjoining terminal | 800 V |
| Rated DC voltage | 800 V | Standards | IEC 60947-7-2 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ | Rated impulse withstand voltage to adjacent terminal | 8 kV |
| Power loss in accordance with IEC 60947-7-x | 1.02 W | Pollution severity | 3 |

UL rating data

| | | | |
|--|--------|--|--------|
| Conductor size Factory wiring max. (cURus) | 10 AWG | Certificate No. (cURus) | E60693 |
| Conductor size Field wiring min. (cURus) | 26 AWG | Conductor size Factory wiring min. (cURus) | 26 AWG |
| Conductor size Field wiring max. (cURus) | 10 AWG | | |

Technical data**Classifications**

| ETIM 6.0 | EC000901 | ETIM 7.0 | EC000901 |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000901 | ETIM 9.0 | EC000901 |
| ETIM 10.0 | 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 |
| ECLASS 13.0 | 27-25-01-03 | ECLASS 14.0 | 27-25-01-03 |
| ECLASS 15.0 | 27-25-01-03 | | |

Drawings

