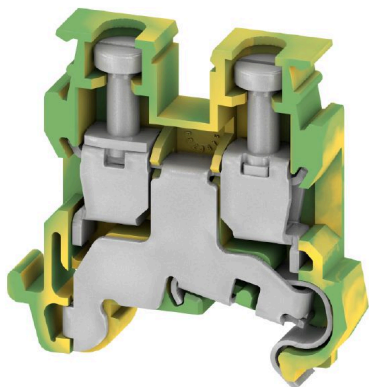


AKE 2.5**Weidmüller Interface GmbH & Co. KG**

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, Screw connection, yellow, green, 2.5 mm ² , 250 V, Number of connections: 2, Number of levels: 1, TS 15, V-2, Wemid |
| Order No. | 1303360000 |
| Type | AKE 2.5 |
| GTIN (EAN) | 4008190084950 |
| Qty. | 100 ST |

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Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|--------------------------|-------------|----------------|-------------|
| Depth | 26 mm | Depth (inches) | 1.0236 inch |
| Depth including DIN rail | 28 mm | Height | 28 mm |
| Height (inches) | 1.1024 inch | Width | 5.1 mm |
| Width (inches) | 0.2008 inch | Net weight | 4.37 g |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|---------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -5 °C...40 °C |
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Material data

| | | | |
|---------------------------|-------|--------|---------------|
| Material | Wemid | Colour | yellow, green |
| UL 94 flammability rating | V-2 | | |

Rating data IECEx/ATEX

| | | | |
|--------------------------------|-------------------|---------------------------------|-------------------|
| Certificate No. (ATEX) | TUEV18ATEX8221U | Certificate No. (IECEx) | IECEXTUR18.0024U |
| Wire cross section max. (ATEX) | 4 mm ² | Wire cross section max. (IECEx) | 4 mm ² |
| Marking EN 60079-7 | Ex eb II C Gb | Ex 2014/34/EU label | II 2 G D |

System specifications

| | | | |
|-------------------------------------|---|-------------------------------|-----|
| Version | Screw 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 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | Yes |
| Rail | TS 15 | N-function | No |
| PE function | Yes | PEN function | No |

Additional technical data

| | | | |
|---------------------|-----------------|-----------------------------|-----|
| Open sides | right | Number of similar terminals | 1 |
| Installation advice | Direct mounting | Explosion-tested version | Yes |

Creation date 09.08.2025 07:36:25 MEZ

Catalogue status / Drawings

AKE 2.5

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Technical data

Type of mounting when screwed in

CSA rating data

| | | | |
|-------------------------------|--------|-----------------------|-----------------|
| Wire cross section max. (CSA) | 12 AWG | Certificate No. (CSA) | 200039-80109105 |
| Wire cross section min. (CSA) | 26 AWG | | |

Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|----------------------|
| Gauge to IEC 60947-1 | A3 | Wire connection cross section AWG, max. | AWG 12 |
| Connection direction | on side | Tightening torque, max. | 0.6 Nm |
| Tightening torque, min. | 0.4 Nm | Stripping length | 7 mm |
| Type of connection | Screw connection | Number of connections | 2 |
| Clamping range, max. | 4 mm ² | Clamping range, min. | 0.13 mm ² |
| Clamping screw | M 2.5 | Blade size | 3.0 x 0.5 mm |
| Wire connection cross section AWG, min. | AWG 26 | 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, 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, max. | 2.5 mm ² |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | Connection cross-section, stranded, max. | 2.5 mm ² |
| Connection cross-section, stranded, min. | 1.5 mm ² | Twin wire-end ferrules, max. | 1.5 mm ² |
| Twin wire-end ferrules, min. | 0.5 mm ² | Torque level with DMS electric screwdriver | 1 |
| Wire connection cross-section, solid core, max. | 4 mm ² | Wire connection cross-section, solid core, min. | 0.5 mm ² |

Dimensions

TS 15 offset 13.5 mm

General

| | | | |
|---|--------|---------------------|-----------------|
| Wire connection cross section AWG, max. | AWG 12 | Installation advice | Direct mounting |
| Wire connection cross section AWG, min. | AWG 26 | Standards | IEC 60947-7-2 |
| Rail | TS 15 | | |

PE rating data

| | | | |
|--------------------------|------------------------------|--------------|----|
| Rated short-time current | 300 A (2.5 mm ²) | PEN function | No |
|--------------------------|------------------------------|--------------|----|

Rating data

| | | | |
|---------------------|---------------------|--|---------|
| Rated cross-section | 2.5 mm ² | Rated voltage to adjoining terminal | 250 V |
| Standards | IEC 60947-7-2 | Volume resistance according to IEC 60947-7-x | 1.33 mΩ |

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Technical data

| | | | |
|--|------|---|--------|
| Rated impulse withstand voltage to adjacent terminal | 4 kV | Power loss in accordance with IEC 60947-7-x | 0.77 W |
| Pollution severity | 3 | | |

UL rating data

| | | | |
|--|--------|--|--------|
| Conductor size Factory wiring max. (cURus) | 12 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) | 12 AWG | | |

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 | | |

