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CONTACLIP

# EARTH TERMINALS - ZSL 2.5-16MM²

Tension Spring Earth Terminals - ZSL, ZSLD

1726.2
ZSL 10/2A Ex GNYE



- Material polyamide 6.6
- Temperature resistance -40 °C...+120 °C
- Flammability class V0
- Double Deck Version

### PRODUCT DESCRIPTION

The ZSL earth terminals (2.5–16 mm²) are rugged, single-level DIN-rail tension-spring terminals ideal for grounding connections. Crafted from flame-retardant PA6.6 (polyamide 6.6), they withstand temperatures from –40 °C to +120 °C and meet UL94 V-0 standards for flammability. Each terminal supports standard wire sizes and is equipped with multiple approvals (UL, CSA, cUL, GL, KEMA, EAC), making them suitable for global installations. The units offer two test-pick-off options and are rated for pollution degree 3 with over-voltage category III, ensuring reliable performance in industrial control panels and switchgear systems. Their green/yellow coloration adheres to grounding safety standards, providing quick visual identification.
These terminals serve as a secure and space-efficient solution for grounding both single and stranded copper conductors, effectively maintaining earth continuity in electrical cabinets, machinery, and building automation systems. The tension-spring connection ensures consistent contact pressure without the need for screws, reducing installation time and ensuring low-maintenance reliability even under vibration. With compact dimensions (as slim as 5.1 mm) and a variety of connection counts and mounting heights (39–51 mm), the ZSL series facilitates dense terminal block layouts while preserving terminal space integrity. Ideal for protecting personnel and equipment, these terminals are a cornerstone component for glue-less, high-efficiency grounding infrastructure.

# TECHNICAL DATA

## GENERAL DATA

| | |
|---|---|
| **Rated wire cross section** | 10 mm² |
| **Colour** | Green/yellow |
| **Mounting** | TS 35 |
| **Overvoltage category** | III |
| **Contamination degree** | 3 |
| **Approvals** | UL, CSA, CSA US, KEMA KUR, EAC |
| **Explosion proof** | Yes |

## DIMENSIONS

| | |
|---|---|
| **Length** | 73.5 mm |
| **Width** | 10.1 mm |
| **Height TS 35/7.5** | 50.5 mm |

## CONNECTION DATA

| | |
|---|---|
| **Connections** | 2 |

| | |
|---|---|
| **Number of levels** | 1 |
| **Plug gauge acc. EN 60 947-1** | B6 |
| **Cross connect channels** | 0 |
| **Number of test pick off options** | 2 |
| **Cross section single wire from** | 1.5 mm² |
| **Cross section single wire to** | 16 mm² |
| **Cross section stranded wire from** | 1.5 mm² |
| **Cross section stranded wire to** | 10 mm² |
| **Cross section stranded with ferrule from** | 1.5 mm² |
| **Cross section stranded with ferrule to** | 10 mm² |
| **Rated wire cross section from (AWG)** | 16 |
| **Rated wire cross section to (AWG)** | 6 |
| **Stripping length** | 18 mm |

## MATERIALS

| | |
|---|---|
| **Insulation material** | Polyamide 6.6 |
| **Flammability class** | UL94-V0 |
| **Operating temperature from** | -40 °C |
| **Operating temperature to** | 120 °C |

## APPROVALS

| | |
|---|---|
| **UL test standard** | UL 1059 |
| **CSA test standard** | C22.2 No 158 |
| **CSAus test standard** | UL 1059 |
| **EAC test standard** | TR ZU 004/2011 |
| **KEMA KEUR test standard** | EN 60947-7-2:2009 |

## ADDITIONAL DATA

| | |
|---|---|
| **Tariff code** | 85369010 |
| **Country of origin** | DE |
| **Weight** | 34 g |
| **Pack size** | 50 |

