

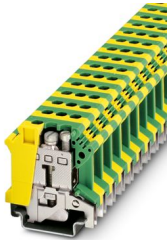
UISLKG 16 - Installation protective conductor terminal block



0443052

<https://www.phoenixcontact.com/us/products/0443052>

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Installation protective conductor terminal block, number of connections: 2, connection method: Screw connection, Rated cross section: 16 mm², cross section: 2.5 mm² - 25 mm², mounting method: PE foot with mounting screw, M4, mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Your advantages

- USLKG 1,5 N to USLKG 16 N standard ground terminal blocks can be used in conjunction with the neutral busbar

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 0443052 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE12 |
| Product key | BE1251 |
| GTIN | 4017918002299 |
| Weight per piece (including packing) | 36.888 g |
| Weight per piece (excluding packing) | 35.606 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|-----------------------|-----------------------|
| Product type | Ground terminal block |
| Number of connections | 2 |
| Number of rows | 1 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
|----------------------|-----|

Electrical properties

| | |
|-------------------------------------------------|--------|
| Rated surge voltage | 6 kV |
| Maximum power dissipation for nominal condition | 2.43 W |

Connection data

| | |
|-------------------------------------------------------------------|----------------------------------------------------------------|
| Grounding foot | Yes |
| Number of connections per level | 2 |
| Nominal cross section | 16 mm ² |
| Connection method | Screw connection |
| Screw thread | M4 |
| Note | Please observe the current carrying capacity of the DIN rails. |
| Tightening torque | 1.5 ... 1.8 Nm |
| Stripping length | 11 mm |
| Connection in acc. with standard | IEC 60947-7-2 |
| Conductor cross-section rigid | 2.5 mm ² ... 25 mm ² |
| Cross section AWG | 12 ... 4 (converted acc. to IEC) |
| Conductor cross-section flexible | 4 mm ² ... 16 mm ² |
| Conductor cross-section, flexible [AWG] | 10 ... 6 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 1.5 mm ² ... 16 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 1.5 mm ² ... 16 mm ² |
| Nominal cross section | 16 mm ² |

Dimensions

| | |
|--------------------|---------|
| Width | 12 mm |
| Height | 42.5 mm |
| Depth on NS 32 | 52 mm |
| Depth on NS 35/7,5 | 47 mm |
| Depth on NS 35/15 | 54.5 mm |

Material specifications

| | |
|----------------------------------------|--------------|
| Color | green-yellow |
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Insulating material | PA |

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| | |
|------------------------------------------------------------------|-------------|
| Static insulating material application in cold | -60 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 130 °C |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 3 |
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |
| Surface flammability NFPA 130 (ASTM E 162) | passed |
| Specific optical density of smoke NFPA 130 (ASTM E 662) | passed |
| Smoke gas toxicity NFPA 130 (SMP 800C) | passed |

Mechanical properties

General

| | |
|-------------------------|-----------------------------------------------------|
| Terminal block mounting | 1.5 Nm ... 1.8 Nm (PE foot with mounting screw, M4) |
|-------------------------|-----------------------------------------------------|

Mechanical data

| | |
|-----------------|----|
| Open side panel | No |
|-----------------|----|

Environmental and real-life conditions

Ambient conditions

| | |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation) | -60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.) |
| Ambient temperature (storage/transport) | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Ambient temperature (assembly) | -5 °C ... 70 °C |
| Ambient temperature (actuation) | -5 °C ... 70 °C |
| Permissible humidity (operation) | 20 % ... 90 % |
| Permissible humidity (storage/transport) | 30 % ... 70 % |

Standards and regulations

| | |
|----------------------------------|---------------|
| Connection in acc. with standard | IEC 60947-7-2 |
|----------------------------------|---------------|

Mounting

| | |
|-------------------------|-----------------------------------------------------|
| Mounting type | NS 35/7,5 |
| | NS 35/15 |
| | NS 32 |
| Terminal block mounting | 1.5 Nm ... 1.8 Nm (PE foot with mounting screw, M4) |

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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/0443052>

|  CSA Approval ID: 13631 | | | | |
|--------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | - | - | 22 - 4 | - |

|  EAC Approval ID: KZ7500651131219505 | | | | |
|---------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
|---------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|

|  cULus Recognized Approval ID: E60425 | | | | |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| B | | | | |
| | - | - | 12 - 4 | - |
| C | | | | |
| | - | - | 12 - 4 | - |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250103 |
| ECLASS-15.0 | 27250103 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC000901 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

China RoHS

| | |
|----------------------------------------|------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 0.149 kg CO2e |
|---------|---------------|

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