

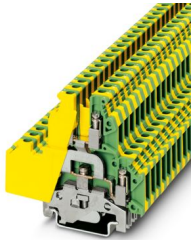
UKKB 5-PE - Protective conductor terminal block



3007123

<https://www.phoenixcontact.com/us/products/3007123>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Protective conductor terminal block, connection method: Screw connection, 1st and 2nd level, cross section: 0.2 mm² - 4 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: green-yellow

Your advantages

- Same shape and pitch as the feed-through terminal blocks
- Universal protective conductor foot for mounting on NS 35... or NS 32... DIN rails (with the exception of NS 35/15-2,3)
- The offset levels offer unobstructed access to the lower connection level even when fully wired

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3007123 |
| Packing unit | 50 pc |
| Minimum order quantity | 1 pc |
| Sales key | BE12 |
| Product key | BE1224 |
| GTIN | 4017918091538 |
| Weight per piece (including packing) | 30.9 g |
| Weight per piece (excluding packing) | 30.9 g |
| Customs tariff number | 85369010 |
| Country of origin | TR |

UKKB 5-PE - Protective conductor terminal block



3007123

<https://www.phoenixcontact.com/us/products/3007123>

Technical data

Product properties

| | |
|-----------------------|-----------------------|
| Product type | Ground terminal block |
| Product family | UK |
| Number of connections | 4 |
| Number of rows | 2 |

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 3 |

Electrical properties

| | |
|---|--------|
| Rated surge voltage | 6 kV |
| Maximum power dissipation for nominal condition | 1.02 W |

Connection data

| | |
|---------------------------------|-------------------|
| Grounding foot | Yes |
| Number of connections per level | 2 |
| Nominal cross section | 4 mm ² |

1st and 2nd level

| | |
|---|--|
| Connection method | Screw connection |
| Screw thread | M3 |
| Note | Please observe the current carrying capacity of the DIN rails. |
| Tightening torque | 0.6 ... 0.8 Nm |
| Stripping length | 8 mm |
| Connection in acc. with standard | IEC 60947-7-2 |
| Conductor cross-section rigid | 0.2 mm ² ... 4 mm ² |
| Cross section AWG | 24 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.2 mm ² ... 4 mm ² |
| Conductor cross-section, flexible [AWG] | 24 ... 12 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.25 mm ² ... 4 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.25 mm ² ... 2.5 mm ² |

Dimensions

| | |
|--------------------|---------|
| Width | 6.2 mm |
| Height | 67 mm |
| Depth on NS 32 | 67 mm |
| Depth on NS 35/7,5 | 62 mm |
| Depth on NS 35/15 | 69.5 mm |

Material specifications

| | |
|--|--------------|
| Color | green-yellow |
| Flammability rating according to UL 94 | V2 |

UKKB 5-PE - Protective conductor terminal block



3007123

<https://www.phoenixcontact.com/us/products/3007123>

| | |
|---|-------------|
| Insulating material group | I |
| Insulating material | PA |
| Static insulating material application in cold | -60 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 130 °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 |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 28 MJ/kg |
| 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 | 0.6 Nm ... 0.8 Nm (PE foot with mounting screw, M3) |
|-------------------------|---|

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 | 0.6 Nm ... 0.8 Nm (PE foot with mounting screw, M3) |

UKKB 5-PE - Protective conductor terminal block

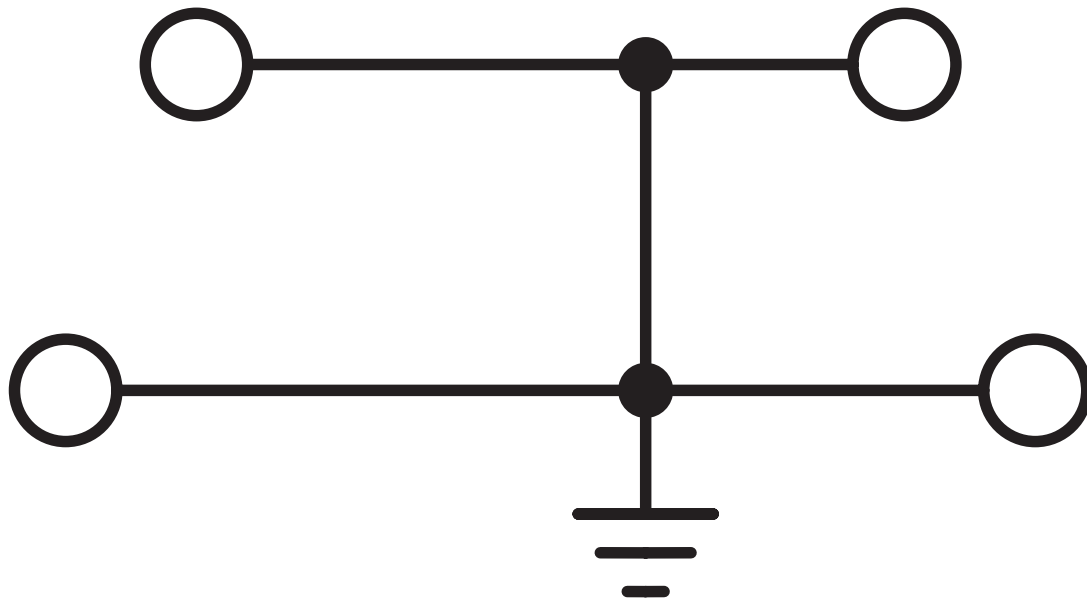


3007123

<https://www.phoenixcontact.com/us/products/3007123>

Drawings

Circuit diagram



UKKB 5-PE - Protective conductor terminal block





3007123


<https://www.phoenixcontact.com/us/products/3007123>


Approvals


To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3007123>

|  CSA Approval ID: 13631 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | - | - | 28 - 10 | - |

|  IECEE CB Scheme Approval ID: NL-39916 | | | | |
|---|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | - | - | - | - 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 | | | | |
| | - | - | 24 - 10 | - |
| C | | | | |
| | - | - | 24 - 10 | - |

|  NK Approval ID: 09 ME 141 | | | | |
|---|--|--|--|--|
|---|--|--|--|--|

| DNV Approval ID: TAE00001CT | | | | |
|---------------------------------------|--|--|--|--|
|---------------------------------------|--|--|--|--|

UKKB 5-PE - Protective conductor terminal block



3007123

<https://www.phoenixcontact.com/us/products/3007123>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250104 |
| ECLASS-15.0 | 27250104 |

ETIM

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

UNSPSC

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

UKKB 5-PE - Protective conductor terminal block



3007123

<https://www.phoenixcontact.com/us/products/3007123>

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 | 0.175 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com