

UGSK/S + GS - Slide-type terminal block



0313085

<https://www.phoenixcontact.com/ca/products/0313085>

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Slide-type terminal block, with slide, nom. voltage: 500 V, nominal current: 41 A, number of connections: 2, connection method: Screw connection, 1 level, Rated cross section: 6 mm², cross section: 0.5 mm² - 10 mm², mounting type: NS 35/7,5, NS 35/15, NS 32, color: gray

Your advantages

- Measuring equipment or protective relays can be individually connected with the aid of bridges and slides
- Here, the slides make contact with the switching jumper depending on the switching task

Commercial data

| | |
|--------------------------------------|---------------------|
| Item number | 0313085 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | BE01 |
| Product key | BE1233 |
| Catalog page | Page 517 (C-1-2019) |
| GTIN | 4017918001681 |
| Weight per piece (including packing) | 32.727 g |
| Weight per piece (excluding packing) | 31.376 g |
| Customs tariff number | 85369010 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|-----------------------|-----------------------------|
| Product type | Feed-through terminal block |
| Product family | UGSK |
| Number of connections | 2 |
| Number of rows | 1 |
| Potentials | 1 |

Insulation characteristics

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

Electrical properties

| | |
|---|--------|
| Rated surge voltage | 6 kV |
| Maximum power dissipation for nominal condition | 1.31 W |

Connection data

| | |
|-----------------------|-------------------|
| Nominal cross section | 6 mm ² |
|-----------------------|-------------------|

1 level

| | |
|---|--|
| Screw thread | M4 |
| Tightening torque | 1.5 ... 1.8 Nm |
| Stripping length | 11 mm |
| Connection in acc. with standard | IEC 60947-7-1 |
| Conductor cross section rigid | 0.5 mm ² ... 10 mm ² |
| Cross section AWG | 20 ... 8 (converted acc. to IEC) |
| Conductor cross section flexible | 0.5 mm ² ... 6 mm ² |
| Conductor cross section, flexible [AWG] | 20 ... 10 (converted acc. to IEC) |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.5 mm ² ... 6 mm ² |
| Flexible conductor cross section (ferrule with plastic sleeve) | 0.5 mm ² ... 4 mm ² |
| 2 conductors with same cross section, solid | 0.5 mm ² ... 1.5 mm ² |
| 2 conductors with same cross section, flexible | 0.5 mm ² ... 4 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 0.5 mm ² ... 4 mm ² |
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 4 mm ² |
| Nominal current | 41 A |
| Maximum load current | 57 A (with 10 mm ² conductor cross section) |
| Nominal voltage | 500 V |
| Nominal cross section | 6 mm ² |

Dimensions

| | |
|--------|--------|
| Width | 8.2 mm |
| Height | 61 mm |

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| | |
|--------------------|---------|
| Depth on NS 32 | 57.6 mm |
| Depth on NS 35/7,5 | 52.7 mm |
| Depth on NS 35/15 | 60.2 mm |

Material specifications

| | |
|---|------------|
| Color | gray |
| Flammability rating according to UL 94 | V2 |
| Insulating material group | I |
| Insulating material | PA |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 125 °C |
| Relative insulation material temperature index (Elec., UL 746 B) | 125 °C |
| Calorimetric heat release NFPA 130 (ASTM E 1354) | 27,5 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

Mechanical data

| | |
|-----------------|-----|
| Open side panel | Yes |
|-----------------|-----|

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, no longer than 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 60947-7-1 |
|----------------------------------|---------------|

Mounting

| | |
|---------------|-----------|
| Mounting type | NS 35/7,5 |
| | NS 35/15 |
| | NS 32 |

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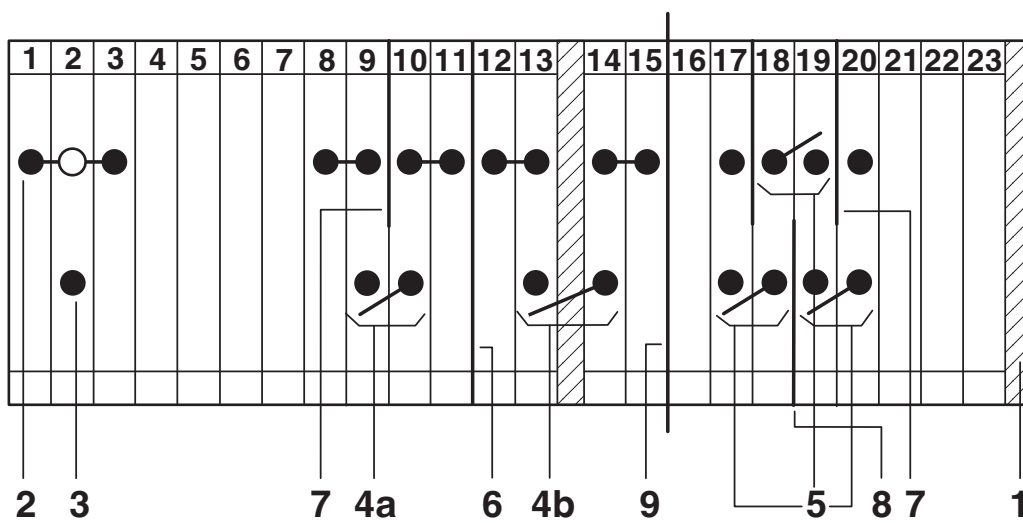
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Drawings

Circuit diagram



Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ca/products/0313085>



EAC

Approval ID: RU C-DE.BL08.B.00534

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27141120 |
| ECLASS-13.0 | 27250101 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC000897 |
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UNSPSC

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

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Environmental product compliance

EU RoHS

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

China RoHS

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|--|--|
| 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% |
|-------------------------------------|----------------------------|

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