

TRK 1,5/ 2 OG - Transformer terminal block



2700324

<https://www.phoenixcontact.com/us/products/2700324>

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Transformer terminal block, connection method: Screw connection, length: 28.5 mm, width: 15 mm, height: 19 mm, color: orange

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 2700324 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | AA18 |
| Product key | AARAAA |
| GTIN | 4017918324063 |
| Weight per piece (including packing) | 5.833 g |
| Weight per piece (excluding packing) | 5.833 g |
| Customs tariff number | 85369010 |
| Country of origin | GR |

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Technical data

Notes

| | |
|---------|--|
| General | For transformers on ships, saltwater-proof DIN rails must be used according to the regulations of Germanic Lloyd. This requirement is fulfilled by all rail designs. |
| General | When selecting the type of connection on safety transformers in acc. with IEC 742/EN 60742/DIN VDE 0551-1, please observe: - When safety transformers are used as self-contained devices, only screw connections are permitted for the external connections. - When installing safety transformers, the specifications of the respective devices must be observed. |

Product properties

| | |
|-----------------------|----------------------------|
| Product type | Distributor terminal block |
| Number of positions | 2 |
| Number of connections | 4 |
| Number of rows | 1 |

Insulation characteristics

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

Electrical properties

| | |
|--------------------------|---|
| Maximum load current | 17.5 A (with 1,5 mm ² cross section) |
| Rated insulation voltage | 800 V |
| Rated surge voltage | 8 kV |

Connection data

| | |
|---|---|
| Maximum load current | 17.5 A (with 1,5 mm ² cross section) |
| Connection method | Screw connection |
| Screw thread | M3 |
| Tightening torque | 0.6 ... 0.8 Nm |
| Stripping length | 9 mm 9 mm |
| Internal cylindrical gage | A1 |
| Connection in acc. with standard | IEC / EN |
| Conductor cross-section rigid | 0.5 mm ² ... 1.5 mm ² |
| Cross section AWG | 20 ... 16 (converted acc. to IEC) |
| Conductor cross-section flexible | 0.75 mm ² ... 1.5 mm ² |
| Conductor cross-section flexible (ferrule without plastic sleeve) | 0.5 mm ² ... 1.5 mm ² |
| Flexible conductor cross-section (ferrule with plastic sleeve) | 0.5 mm ² ... 1.5 mm ² |
| 2 conductors with same cross section, rigid | 0.5 mm ² ... 1.5 mm ² |
| 2 conductors with same cross section, flexible | 0.75 mm ² ... 1.5 mm ² |
| 2 conductors with same cross section, flexible, with ferrule without plastic sleeve | 0.5 mm ² ... 1.5 mm ² |

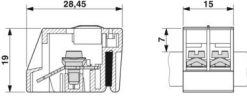
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| | |
|---|--|
| 2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve | 0.5 mm ² ... 1 mm ² |
| Maximum load current | 17.5 A |
| Nominal voltage | 800 V (voltage data only possible in conjunction with transformer) |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 15 mm |
| Height | 19 mm |
| Length | 28.5 mm |

Material specifications

| | |
|--|-------------------|
| Color (Housing) | orange (RAL 2003) |
| Flammability rating according to UL 94 | V2 |
| Insulating material group | I |
| Insulating material | PA |

Standards and regulations

| | |
|----------------------------------|----------|
| Connection in acc. with standard | IEC / EN |
|----------------------------------|----------|

Mounting

| | |
|---------------|----------|
| Mounting type | DIN rail |
|---------------|----------|

Packaging specifications

| | |
|-------------------|---------------------|
| Type of packaging | packed in cardboard |
|-------------------|---------------------|

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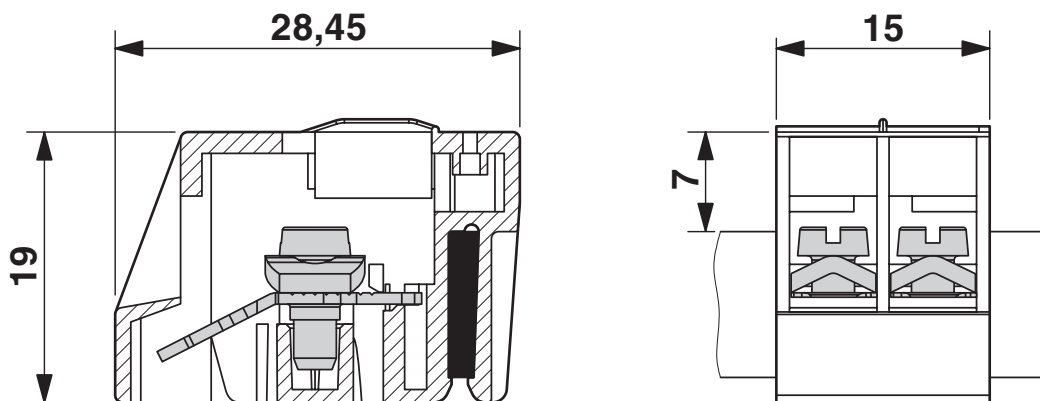


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Drawings

Dimensional drawing



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Approvals

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|  cUL Recognized Approval ID: FILE E 60425 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| B | 300 V | 15 A | 22 - 14 | - |
| C | 300 V | 15 A | 22 - 14 | - |

|  UL Recognized Approval ID: FILE E 60425 | | | | |
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| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27141110 |
| ECLASS-15.0 | 27141110 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121410 |
|-------------|----------|

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

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