

FTPR-3/13S - Test plug



3069971

<https://www.phoenixcontact.com/us/products/3069971>

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Test plug, With twist grip, nom. voltage: 400 V, nominal current: 20 A, number of positions: 13, Rated cross section: 2.5 mm², color: gray



Your advantages

- Space saving, thanks to offset test socket arrangement
- Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- Easy and time saving, thanks to functional grouping of switching operations
- Safe, thanks to guided operation with patented twist grip
- The automatically generated transformer short circuit and the shock-proof design ensure the highest degree of safety during measurement
- The integrated, robust switch contact is designed for the most stringent demands, and the use of high-quality materials ensures the transmission of signal currents, even after multiple actuations
- Maximum safety with leading and automatic transformer short circuit

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 3069971 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BE06 |
| Product key | BE6113 |
| GTIN | 4055626273730 |
| Weight per piece (including packing) | 744.1 g |
| Weight per piece (excluding packing) | 744.1 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|--------------------------|
| Product type | Test plug terminal block |
| Product family | FAME 3 |
| Number of positions | 13 |
| Pitch | 8.2 mm |
| Potentials | 13 |

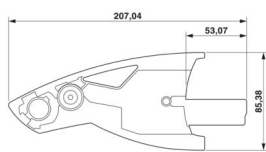
Electrical properties

| | |
|---|--------|
| Maximum power dissipation for nominal condition | 1.31 W |
|---|--------|

Connection data

| | |
|---|---|
| Nominal cross section | 6 mm ² |
| Test socket torque | 0.5 |
| Note | The conductor cross-section depends on the cable lug used |
| Conductor cross-section flexible | 0.5 mm ² ... 2.5 mm ² |
| Conductor cross-section, flexible [AWG] | 20 ... 14 (converted acc. to IEC) |
| Nominal cross section | 2.5 mm ² |
| Nominal current | 20 A |
| Maximum load current | 20 A |
| Nominal voltage | 400 V AC/DC |

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 136.8 mm |
| Height | 86 mm |
| Pitch | 8.2 mm |

Material specifications

| | |
|---|-----------------|
| Color | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0 |
| Insulating material | PA |
| Static insulating material application in cold | -60 °C |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 125 °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 |

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| | |
|---|-------------|
| Fire protection for rail vehicles (DIN EN 45545-2) R26 | HL 1 - HL 3 |
| 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 |

Environmental and real-life conditions

Ambient conditions

| | |
|--|---|
| 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 (storage/transport) | 30 % ... 70 % |

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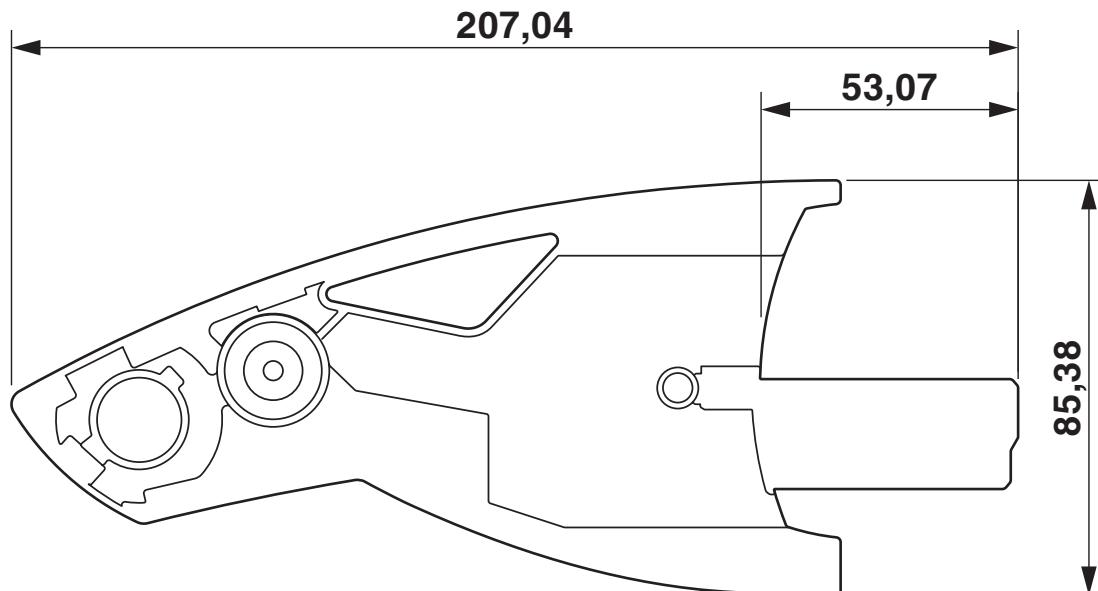
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Drawings

Dimensional drawing



Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3069971>

|  cULus Recognized Approval ID: E60425 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| B | 300 V | 31 A | - | - |
| C | 300 V | 31 A | - | - |
| F | 690 V | 31 A | - | - |
| D | 600 V | 5 A | - | - |

|  CSA Approval ID: 13631 | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| B | 300 V | 31 A | - | - |
| C | 300 V | 31 A | - | - |
| D | 600 V | 5 A | - | - |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27250304 |
| ECLASS-15.0 | 27250304 |

ETIM

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|-----------|----------|
| ETIM 10.0 | EC002555 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 20122000 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|--------------------------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | 12234802-9708-4346-a867-5c193e41e20f |

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