

# FTPR-2/16 - Test plug

3001694

<https://www.phoenixcontact.com/us/products/3001694>

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Test plug, Freely configurable, with twist grip, nom. voltage: 400 V, nominal current: 24 A, Rated cross section: 2.5 mm<sup>2</sup>, color: gray



The figure shows the standard item

## Your advantages

- Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- Space saving, thanks to offset test socket arrangement
- Easy and time saving, thanks to functional grouping of switching operations
- Safe, thanks to guided operation with patented twist grip
- Maximum safety with leading and automatic transformer short circuit
- 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
- The automatically generated transformer short circuit and the shock-proof design ensure the highest degree of safety during measurement

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 3001694                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Product key                          | BE6112                         |
| GTIN                                 | 4055626049687                  |
| Weight per piece (including packing) | 99.9 g                         |
| Weight per piece (excluding packing) | 99.9 g                         |
| Country of origin                    | PL                             |

## Technical data

### Product properties

|                     |                          |
|---------------------|--------------------------|
| Product type        | Test plug terminal block |
| Number of positions | 16                       |
| Pitch               | 8.2 mm                   |
| Number of rows      | 1                        |
| Potentials          | 16                       |

### Insulation characteristics

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

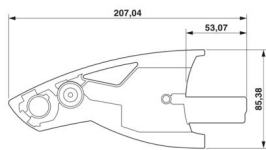
### Electrical properties

|   |        |
|---|--------|
| Rated surge voltage                             | 4 kV   |
| Maximum power dissipation for nominal condition | 1.31 W |
| Test surge voltage                              | 5 kV   |

### Connection data

|   |   |
|---|---|
| Nominal cross section                   | 6 mm <sup>2</sup>   |
| Test socket torque                      | 0.5   |
| Note                                    | The conductor cross-section depends on the cable lug used |
| Conductor cross-section flexible        | 0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>               |
| Conductor cross-section, flexible [AWG] | 20 ... 14 (converted acc. to IEC)                         |
| Nominal cross section                   | 2.5 mm <sup>2</sup>                                       |
| Nominal current                         | 24 A  |
| Maximum load current                    | 24 A  |
| Nominal voltage                         | 400 V AC/DC   |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 163 mm   |
| Height              | 86 mm  |
| Pitch               | 8.2 mm   |

### Material specifications

|  |                 |
|--|-----------------|
| Color                                  | gray (RAL 7042) |
| Flammability rating according to UL 94 | V0              |
| Insulating material group              | I               |
| Insulating material                    | PA              |

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## Mechanical properties

### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

|  |   |
|--|---|
| Ambient temperature (operation)          | -60 °C ... 85 °C  |
| Ambient temperature (storage/transport)  | -25 °C ... 55 °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 %   |

## Mounting

|               |                         |
|---------------|-------------------------|
| Mounting type | Insertion in base strip |
|---------------|-------------------------|

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## Drawings

Dimensional drawing



Circuit diagram



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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002555 |
|----------|----------|

### UNSPSC

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

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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) |
|-------------------------------------|----------------------|

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