

# FTP-3/5S - Test plug



3069958

<https://www.phoenixcontact.com/us/products/3069958>

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Test plug, nom. voltage: 400 V, nominal current: 20 A, number of positions: 5, Rated cross section: 2.5 mm<sup>2</sup>, color: gray



## Your advantages

- Easy and time saving, thanks to functional grouping of switching operations
- Space saving, thanks to offset test socket arrangement
- Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- 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                          | 3069958       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BE06          |
| Product key                          | BE6113        |
| GTIN                                 | 4055626273600 |
| Weight per piece (including packing) | 335.3 g       |
| Weight per piece (excluding packing) | 335.3 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | PL            |

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## Technical data

### Product properties

|                     |                          |
|---------------------|--------------------------|
| Product type        | Test plug terminal block |
| Product family      | FAME 3                   |
| Number of positions | 5                        |
| Pitch               | 8.2 mm                   |
| Potentials          | 5                        |

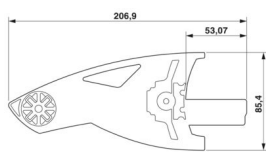
### Electrical properties

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

### 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                         | 20 A  |
| Maximum load current                    | 20 A  |
| Nominal voltage                         | 400 V AC/DC   |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Width               | 73.4 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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## Drawings

Dimensional drawing



Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3069958>



**cULus Recognized**  
Approval ID: E60425



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Approval ID: E60425

|   | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $\text{mm}^2$ |
|---|-----------------------|-----------------------|-------------------|-----------------------------|
| B |                       |                       |                   |                             |
|   | 600 V                 | 31 A                  | -                 | -                           |
| C |                       |                       |                   |                             |
|   | 600 V                 | 31 A                  | -                 | -                           |
| F |                       |                       |                   |                             |
|   | 690 V                 | 31 A                  | -                 | -                           |

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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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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