# FTPC-3/8S - Test plug

3069938

https://www.phoenixcontact.com/us/products/3069938

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The figure shows a 10-position version

Test plug, nom. voltage: 400 V, nominal current: 20 A, number of positions: 8, Rated cross section: 2.5 mm$^2$, color: gray

## Your advantages

- Easy and time saving, thanks to functional grouping of switching operations
- Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- Space saving, thanks to offset test socket arrangement
- The automatically generated transformer short circuit and the shock-proof design ensure the highest degree of safety during measurement<br/>
- 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

## Commercial data

| | |
|---|---|
| Item number | 3069938 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BE06 |
| Product key | BE6113 |
| GTIN | 4055626389295 |
| Weight per piece (including packing) | 343.5 g |
| Weight per piece (excluding packing) | 9.99 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Test plug terminal block |
| Product family | FAME 3 |
| Number of positions | 8 |
| Pitch | 8.2 mm |
| Potentials | 8 |

## Electrical properties

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

## Connection data

| | |
|---|---|
| Nominal cross section | 6 mm² |
| Test socket torque | 0.5 |
| Note | The conductor cross-section depends on the cable lug used |
| Conductor cross-section flexible | 0.5 mm² ... 2.5 mm² |
| Conductor cross-section, flexible [AWG] | 20 ... 14 (converted acc. to IEC) |
| Nominal cross section | 2.5 mm² |
| Nominal current | 20 A |
| Maximum load current | 20 A |
| Nominal voltage | 400 V AC/DC |

## Dimensions

| | |
|---|---|
| Width | 96.8 mm |
| Height | 86 mm |
| Pitch | 8.2 mm |

## Material specifications

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

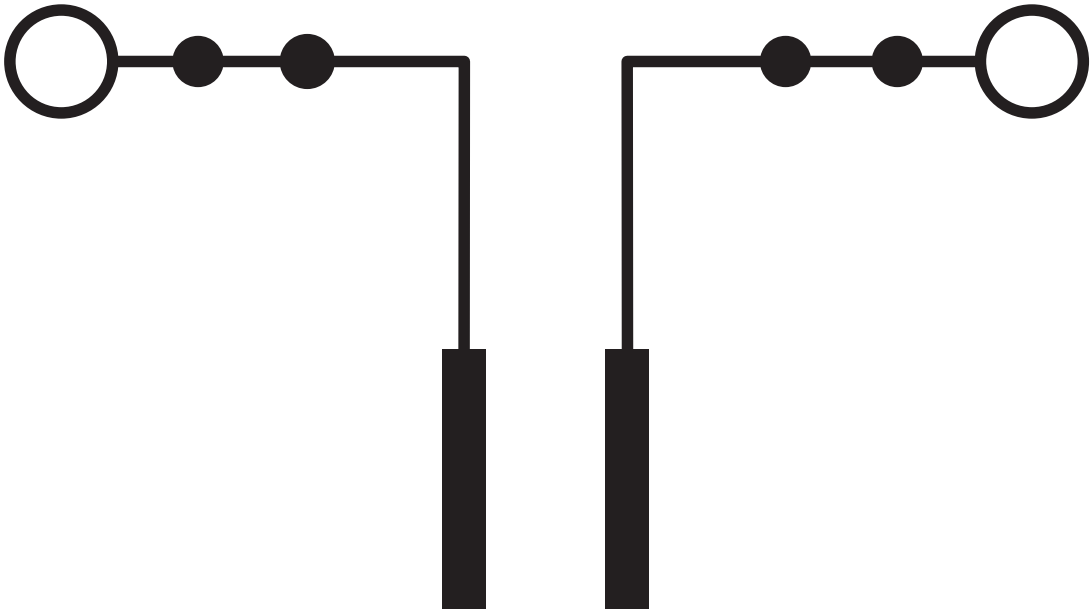
## Environmental and real-life conditions

### 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 % |

## Drawings

Circuit diagram



## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3069938

**CSA**
Approval ID: FILE E 60425

**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 | - | - |

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

## 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% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 3.421 kg CO2e |


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