

# FTP-2/1 SERVICE 0R1 - Test plug



3069466

<https://www.phoenixcontact.com/us/products/3069466>

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Test plug, with integrated resistance of 100 mOhm, 3 W, nom. voltage: 400 V, nominal current: 1 A, Rated cross section: 2.5 mm<sup>2</sup>, color: red

## 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
- 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	3069466
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BE6112
GTIN	4055626345949
Weight per piece (including packing)	65.3 g
Weight per piece (excluding packing)	65.3 g
Country of origin	PL

## Technical data

### Product properties

Product type	Test plug terminal block
Product family	FAME 2
Number of positions	1
Pitch	8.2 mm
Number of connections	2
Number of rows	1
Potentials	1

### Insulation characteristics

Overvoltage category	III
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### 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	1 A
Maximum load current	4 A (at 20°C ambient temperature, max. 6 minute load and min. 12 minute pause)
Nominal voltage	400 V AC/DC

### Dimensions

Width	9 mm
Height	86 mm
Pitch	8.2 mm

### Material specifications

Color	red (RAL 3001)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

### Mechanical properties

#### Mechanical data

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Open side panel	No
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## Environmental and real-life conditions

### Ambient conditions

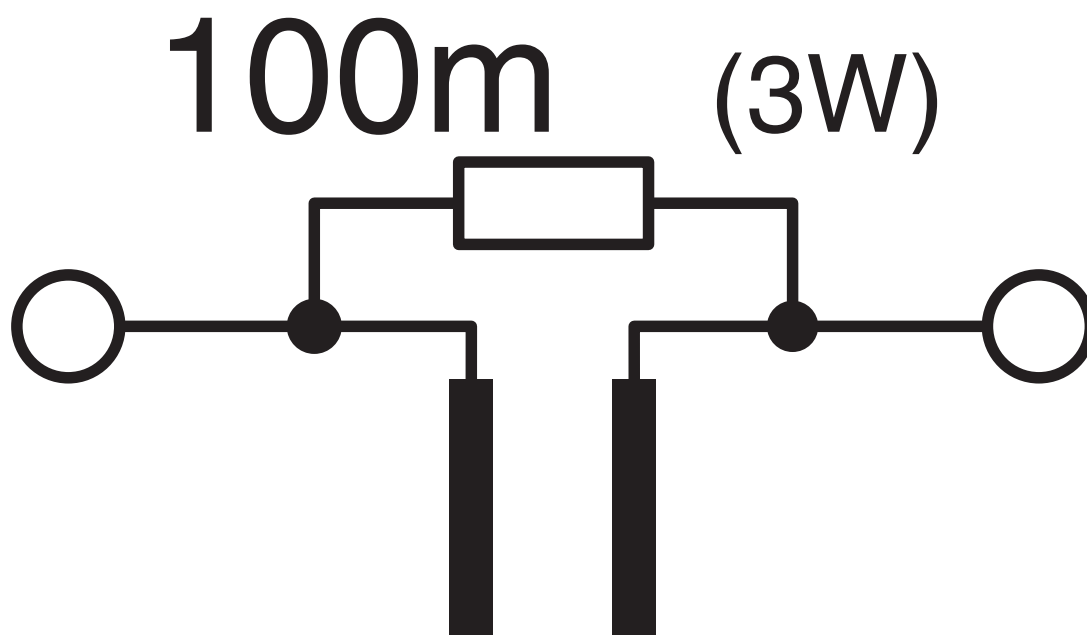
Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

## Mounting

Mounting type	Insertion in base strip
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Drawings

Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3069466>



**EAC**

Approval ID: KZ7500651131219505

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## Classifications

### ECLASS

ECLASS-13.0	27250304
ECLASS-15.0	27250304

### ETIM

ETIM 10.0	EC002555
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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