

# FTP 6+1 - Test plug

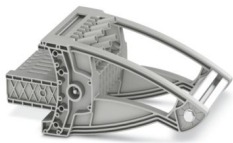


3069239

<https://www.phoenixcontact.com/us/products/3069239>

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Test plug, nom. voltage: 400 V, nominal current: 24 A, number of positions: 7, connection method: Cable lug connection, cross section: 0.5 mm<sup>2</sup>- 2.5 mm<sup>2</sup>, color: gray



## Your advantages

- The test blocks can be used universally for voltage transducers and current transformers
- 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 robust test plug guarantees user-friendly handling and provides fixing options for the test cables to be connected

## Commercial data

Item number	3069239
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BE6111
Catalog page	Page 615 (C-1-2019)
GTIN	4046356744713
Weight per piece (including packing)	376.6 g
Weight per piece (excluding packing)	363.5 g
Country of origin	PL

## Technical data

### Product properties

Product type	Test plug terminal block
Number of positions	7
Pitch	8.2 mm
Potentials	7

### Electrical properties

Maximum load current	24 A
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### Connection data

Maximum load current	24 A
Test socket torque	0.5
Connection method	Cable lug connection
Conductor cross section rigid	0.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Cross section AWG	20 ... 14 (converted acc. to IEC)
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 current	24 A
Nominal voltage	400 V

### Dimensions

Pin diameter	5.7 mm
Pitch	8.2 mm

### Material specifications

Color	gray
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
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

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## 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 %

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## Classifications

### ECLASS

ECLASS-11.0	27440313
ECLASS-13.0	27440313
ECLASS-12.0	27440313

### ETIM

ETIM 9.0	EC002255
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### UNSPSC

UNSPSC 21.0	20122000
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