

# FTPC-3/6S - Test plug

3069936

<https://www.phoenixcontact.com/us/products/3069936>



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Test plug, nom. voltage: 400 V, nominal current: 20 A, number of positions: 6, Rated cross section: 2.5 mm<sup>2</sup>, color: gray

## Your advantages

- Space saving, thanks to offset test socket arrangement
- 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
- The automatically generated transformer short circuit and the shock-proof design ensure the highest degree of safety during measurement<br/>
- 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	3069936
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE06
Product key	BE6113
GTIN	4055626389271
Weight per piece (including packing)	311.7 g
Weight per piece (excluding packing)	311.7 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	6
Pitch	8.2 mm
Potentials	6

### Electrical properties

Maximum power dissipation for nominal condition	1.31 W
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### 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 current	20 A
Maximum load current	20 A
Nominal voltage	400 V AC/DC
Nominal cross section	2.5 mm <sup>2</sup>

### Dimensions

Width	80.5 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 %

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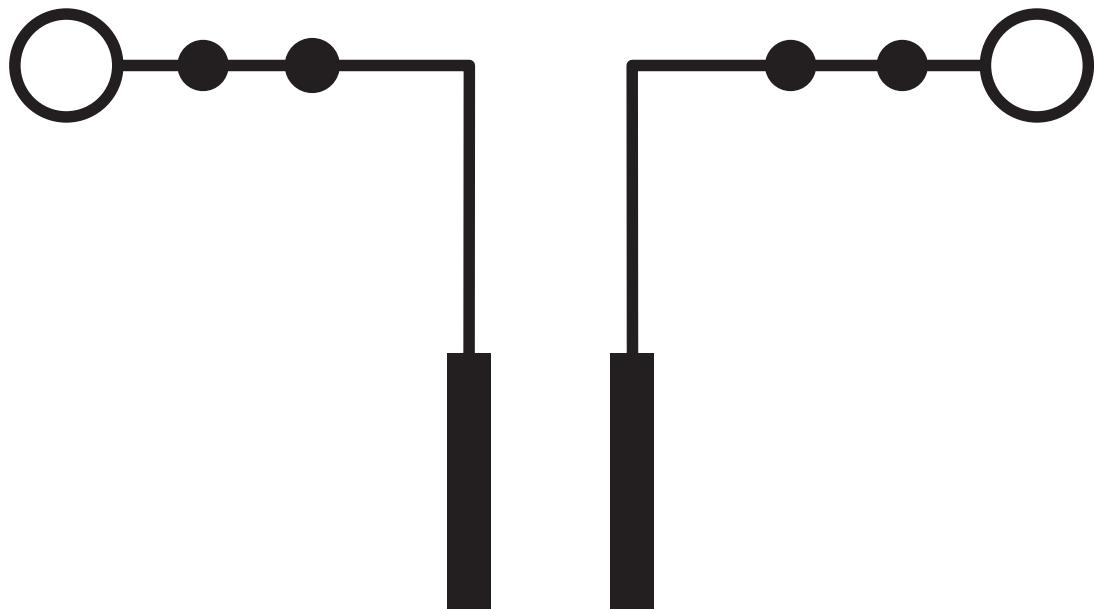
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## Drawings

Circuit diagram



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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3069936>

CSA	Approval ID: FILE E 60425
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		<b>cULus Recognized</b>	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	-	-	

		<b>CSA</b>	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $mm^2$
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## Classifications

### ECLASS

ECLASS-13.0	27250304
ECLASS-15.0	27250304

### ETIM

ETIM 9.0	EC002555
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### UNSPSC

UNSPSC 21.0	20122000
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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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