

# 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

The figure shows a 10-position version

## 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
- 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

## 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 cross section	2.5 mm <sup>2</sup>
Nominal current	20 A
Maximum load current	20 A
Nominal voltage	400 V AC/DC

### 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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## 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



**cULus Recognized**

Approval ID: E60425

	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
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 $\text{mm}^2$
B				
	300 V	31 A	-	-
C				
	300 V	31 A	-	-
D				
	600 V	5 A	-	-

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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	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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