

FTPC-3/12S - Test plug



3069933

<https://www.phoenixcontact.com/us/products/3069933>

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Test plug, nom. voltage: 400 V, nominal current: 20 A, number of positions: 12, Rated cross section: 2.5 mm², color: gray

Your advantages

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

Commercial data

Item number	3069933
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE06
Product key	BE6113
GTIN	4055626213460
Weight per piece (including packing)	440.8 g
Weight per piece (excluding packing)	440.8 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Product properties

Product type	Test plug terminal block
Number of positions	12
Pitch	8.2 mm
Potentials	12

Electrical properties

Maximum power dissipation for nominal condition	1.31 W
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Connection data

Nominal cross section	6 mm ²
Test socket torque	0.5
Note	The conductor cross-section depends on the cable lug used
Conductor cross-section flexible	0.5 mm ² ... 2.5 mm ²
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 ²

Dimensions

Width	130.4 mm
Height	86 mm
Pitch	8.2 mm

Material specifications

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

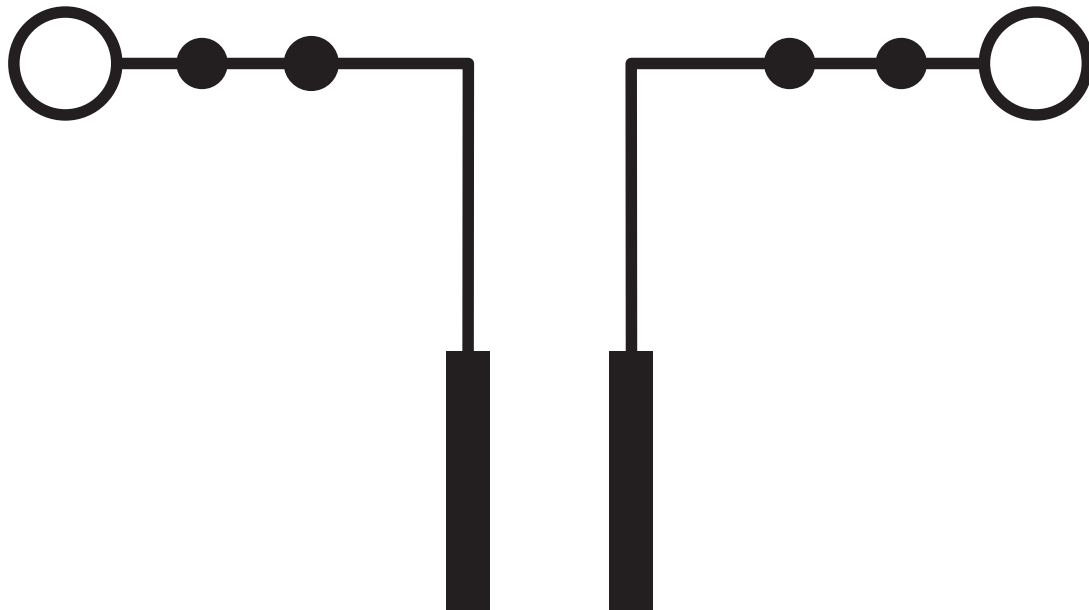
Environmental and real-life conditions

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



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Approvals

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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	-	-

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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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