

FTPR-3/13S - Test plug



3069971

<https://www.phoenixcontact.com/us/products/3069971>

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Test plug, With twist grip, nom. voltage: 400 V, nominal current: 20 A, number of positions: 13,
Rated cross section: 2.5 mm², color: gray



Your advantages

- Space saving, thanks to offset test socket arrangement
- 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
- Safe, thanks to guided operation with patented twist grip
- 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	3069971
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BE06
Product key	BE6113
Catalog page	Page 637 (C-1-2019)
GTIN	4055626273730
Weight per piece (including packing)	744.1 g
Weight per piece (excluding packing)	744.1 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Test plug terminal block
Number of positions	13
Pitch	8.2 mm
Potentials	13

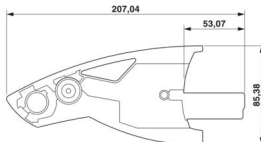
Electrical properties

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

Dimensional drawing	
Width	136.8 mm
Height	86 mm
Pitch	8.2 mm

Material specifications

Color	gray (RAL 7042)
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

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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

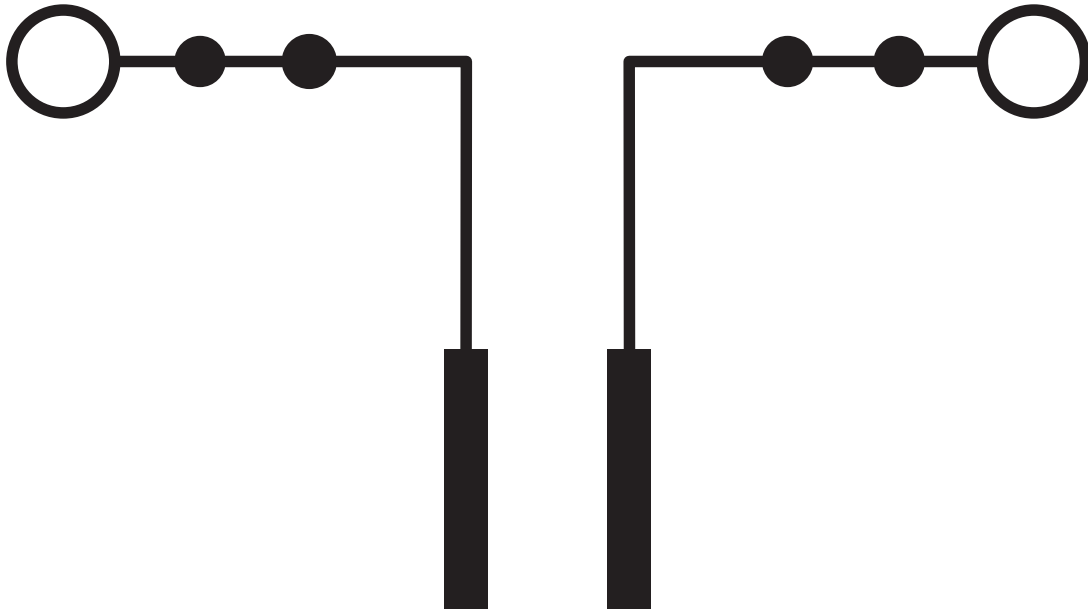
Environmental and real-life conditions

Ambient conditions

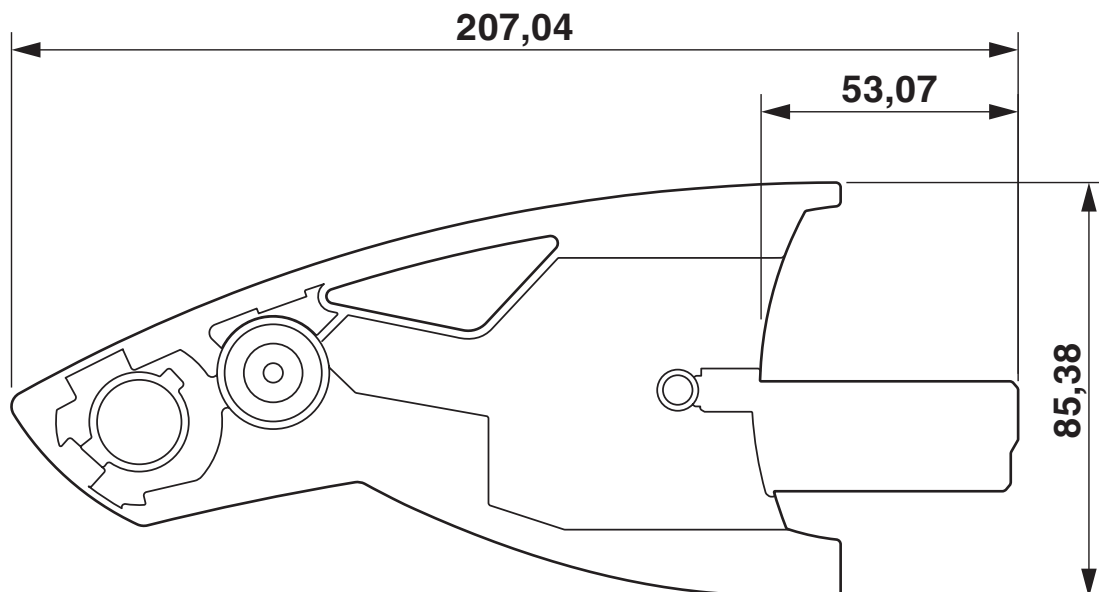
Ambient temperature (storage/transport)	-25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

Drawings

Circuit diagram



Dimensional drawing



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Approvals

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cULus Recognized
Approval ID: E60425



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	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
Use group B				
	300 V	31 A	-	-
Use group C				
	300 V	31 A	-	-
Use group F				
	690 V	31 A	-	-
Use group D				
	600 V	5 A	-	-

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Classifications

ECLASS

ECLASS-11.0	27440313
ECLASS-13.0	27250304
ECLASS-12.0	27440313

ETIM

ETIM 9.0	EC002255
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UNSPSC

UNSPSC 21.0	20122000
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	12234802-9708-4346-a867-5c193e41e20f

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