

# FTP-2/A14 - Test plug



3069474

<https://www.phoenixcontact.com/us/products/3069474>

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Test plug, A detailed circuit diagram can be found under Miscellaneous Downloads, VDE coded type A14, nom. voltage: 400 V, nominal current: 24 A, 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
- 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	3069474
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BE6112
Catalog page	Page 631 (C-1-2019)
GTIN	4046356907828
Weight per piece (including packing)	741.4 g
Weight per piece (excluding packing)	741.4 g
Country of origin	PL

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## Technical data

### Notes

General	A detailed circuit diagram can be found under Miscellaneous Downloads
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### Product properties

Product type	Test plug terminal block
Number of positions	14
Pitch	8.2 mm
Number of rows	1
Potentials	14

### Insulation characteristics

Overvoltage category	III
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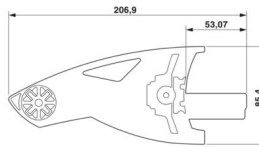
### Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	1.31 W
Test surge voltage	5 kV

### 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	24 A
Maximum load current	24 A
Nominal voltage	400 V AC/DC
Nominal cross section	2.5 mm <sup>2</sup>

### Dimensions

Dimensional drawing	
Width	146.7 mm
Height	86 mm
Pitch	8.2 mm

### Material specifications

Color	gray
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Flammability rating according to UL 94	V0
Insulating material group	I
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

## Mechanical properties

### Mechanical data

Open side panel	No
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## Environmental and real-life conditions

### 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 %

## Mounting

Mounting type	Insertion in base strip
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## Classifications

### ECLASS

ECLASS-11.0	27141190
ECLASS-13.0	27141190
ECLASS-12.0	27141190

### ETIM

ETIM 9.0	EC002848
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### UNSPSC

UNSPSC 21.0	39121400
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