

# Test plug - FTP 5+1 - 3069241

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Test plug, color: gray



## Your advantages

- ✓ The robust test plug guarantees user-friendly handling and provides fixing options for the test cables to be connected
- ✓ 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 test blocks can be used universally for voltage transducers and current transformers



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356802772

## Technical data

### General

Number of positions	6
Potentials	6
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Maximum load current	24 A
Maximum power dissipation for nominal condition	1.31 W
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11

# Test plug - FTP 5+1 - 3069241

## Technical data

### General

Back of the hand protection	guaranteed
Finger protection	guaranteed
Note regarding shock protection	When plugged in
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Static insulating material application in cold	-60 °C
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
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

### Dimensions

Pitch	8.2 mm
-------	--------

### Mounting

Min. tightening torque of the test socket screw:	0.5 Nm
Max. tightening torque of the test socket screw:	0.6 Nm

### Standards and Regulations

Flammability rating according to UL 94	V0
--	----

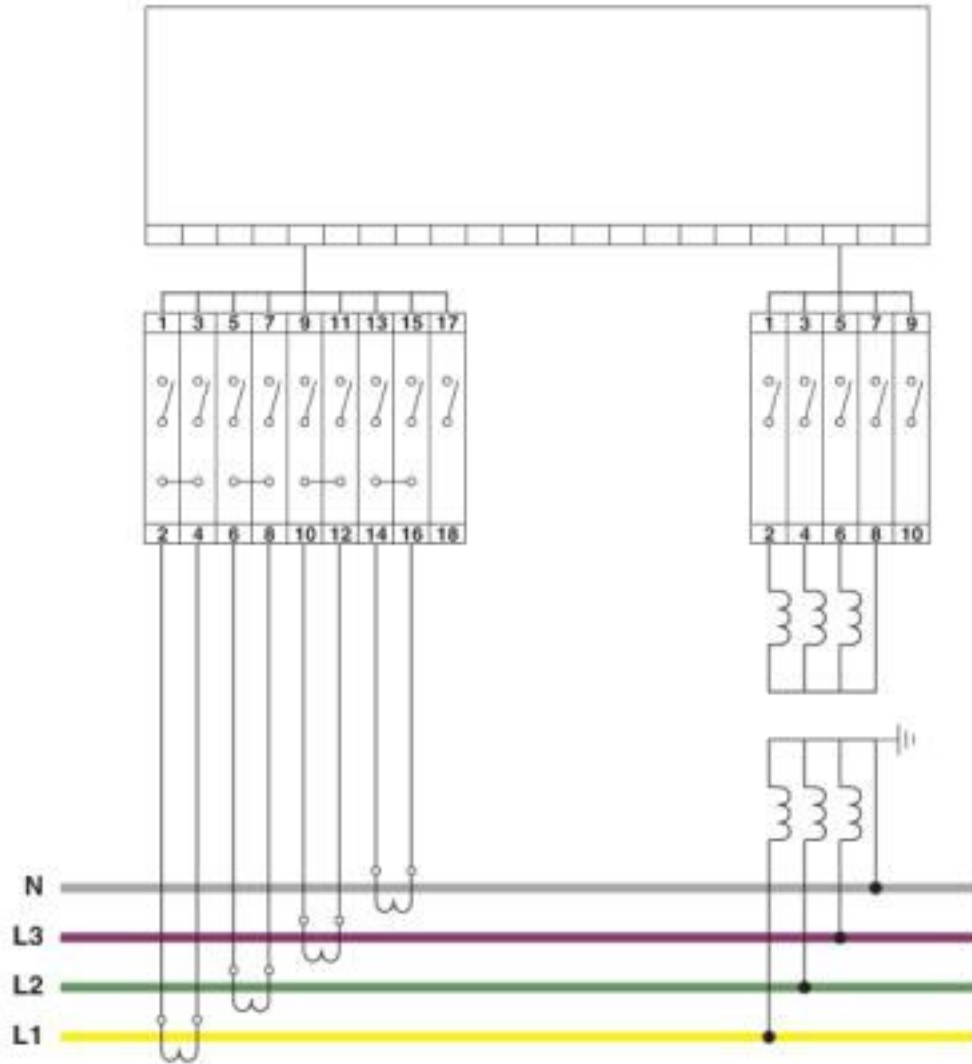
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

### Drawings

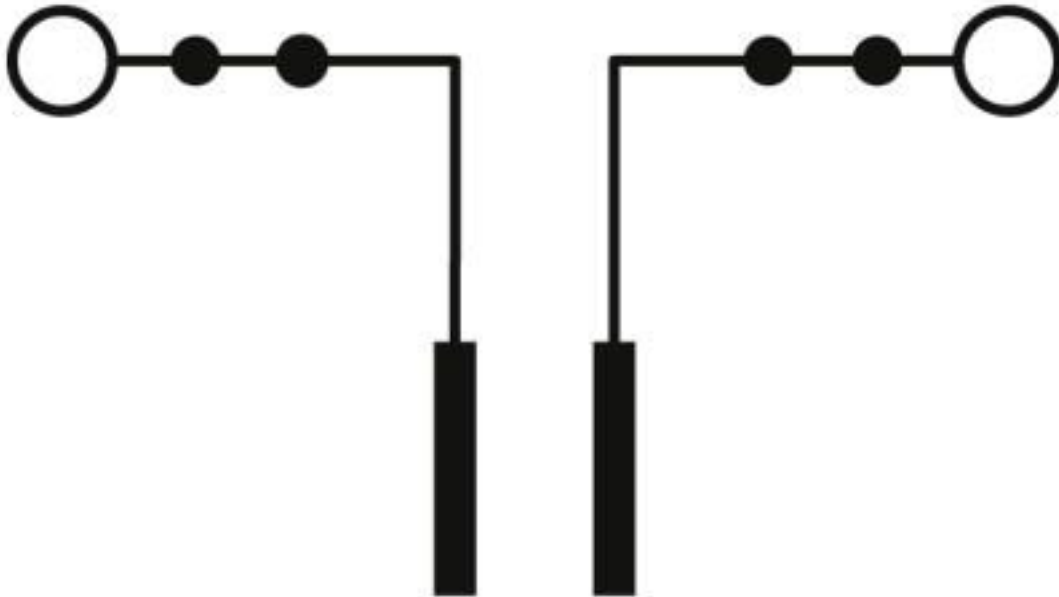
# Test plug - FTP 5+1 - 3069241

Circuit diagram



# Test plug - FTP 5+1 - 3069241

Circuit diagram



## Classifications

### eCl@ss

eCl@ss 10.0.1	27440313
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27440313
eCl@ss 8.0	27440313
eCl@ss 9.0	27440313

### ETIM

ETIM 3.0	EC000901
ETIM 4.0	EC000901
ETIM 5.0	EC002255
ETIM 6.0	EC002255
ETIM 7.0	EC002255

### UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

# Test plug - FTP 5+1 - 3069241

## Classifications

### UNSPSC

UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

#### Ex Approvals

### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
---------------	--	---	--------------

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 60425
----------------	--	---	--------------

EAC			RU C- DE.A*30.B.01742
-----	--	--	--------------------------

EAC			RU C- DE.BL08.B.00511
-----	--	--	--------------------------

cULus Recognized			
------------------	--	--	--

## Accessories

### Accessories

Connector

## Test plug - FTP 5+1 - 3069241

### Accessories

Fork-type cable lug - C-FC 1,5/M3 - 3240137



Fork-type cable lug, non-insulated, 0.5 - 1 mm<sup>2</sup>, M3,5

---

Fork-type cable lug - C-FC 2,5/M3 - 3240142



Fork-type cable lug, non-insulated, 1.1 - 2.5 mm<sup>2</sup>, M3

---

Fork-type cable lug - C-FCI 1,5/M3 - 3240032



Fork-type cable lug, red, 0.5 - 1.5 mm<sup>2</sup>, M3

---

Fork-type cable lug - C-FCI 2,5/M3 - 3240037



Fork-type cable lug, blue, 1.5 - 2.5 mm<sup>2</sup>, M3

---

Ring cable lug - C-RC 1/M3 DIN - 3240070



Ring cable lug, non-insulated, 0.5 ... 1 mm<sup>2</sup>, M3

---

## Test plug - FTP 5+1 - 3069241

### Accessories

Ring cable lug - C-RC 2,5/M3 DIN - 3240076



Ring cable lug, non-insulated, 1.1 ... 2.5 mm<sup>2</sup>, M3

---

Ring cable lug - C-RCI 1,5/M3 - 3240016



Ring cable lug, red, 0.5 ... 1.5 mm<sup>2</sup>, M3

---

Ring cable lug - C-RCI 2,5/M3 - 3240021



Ring cable lug, blue, 1.5 ... 2.5 mm<sup>2</sup>, M3

---

### Jumper

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: red

---

Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: red

---

## Test plug - FTP 5+1 - 3069241

### Accessories

Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: red

---

Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, color: red

---

Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: red

---

Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, pitch: 8.2 mm, width: 47.5 mm, number of positions: 6, color: red

---

Plug-in bridge - FBS 1/3-8 - 3032363



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, pin assignment: 1,3, color: red

---



## Test plug - FTP 5+1 - 3069241

### Accessories

Plug-in bridge - FBS 1/4-8 - 3032376



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, pin assignment: 1, 4, color: red

---

Plug-in bridge - FBS 1/3/5-8 - 3032389



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, pin assignment: 1,3,5, color: red

---

Plug-in bridge - FBS 1/4/7/10-8 - 3032402



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, pin assignment: 1,4,7,10, color: red

---

Plug-in bridge - FBS 1/5-8 - 3032381



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, pin assignment: 1,5, color: red

---

Plug-in bridge - FBS 2-8 CT - 3033830



Plug-in bridge, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: orange

---

## Test plug - FTP 5+1 - 3069241

### Accessories

Plug-in bridge - FBS 3-8 CT - 3033831



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: orange

---

Plug-in bridge - FBS 4-8 CT - 3033832



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: orange

---

Plug-in bridge - FBS 10-8 CT - 3033833



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: orange

---

Plug-in bridge - FBS 2-8 BU - 3032567



Plug-in bridge, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: blue

---

Plug-in bridge - FBS 3-8 BU - 3032570



Plug-in bridge, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: blue

---

## Test plug - FTP 5+1 - 3069241

### Accessories

Plug-in bridge - FBS 4-8 BU - 3032583



Plug-in bridge, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: blue

---

Plug-in bridge - FBS 5-8 BU - 3032596



Plug-in bridge, pitch: 8.2 mm, width: 39.3 mm, number of positions: 5, color: blue

---

Plug-in bridge - FBS 6-8 BU - 3032677



Plug-in bridge, pitch: 8.2 mm, width: 47.5 mm, number of positions: 6, color: blue

---

Plug-in bridge - FBS 10-8 BU - 3032606



Plug-in bridge, pitch: 8.2 mm, width: 80.3 mm, number of positions: 10, color: blue

---

### Labeled terminal marker

Zack marker strip - ZB 8 CUS - 0825011



Zack marker strip, can be ordered: Strip, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

---

## Test plug - FTP 5+1 - 3069241

### Accessories

#### Marker for terminal blocks - UC-TM 8 CUS - 0824597



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 56

---

#### Marker for terminal blocks - UCT-TM 8 CUS - 0829616



Marker for terminal blocks, can be ordered: by sheet, white, labeled according to customer specifications, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 42

---

#### Zack marker strip - ZB 8,LGS:FORTL.ZAHLEN - 1052015



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

---

#### Zack marker strip - ZB 8,QR:FORTL.ZAHLEN - 1052028



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

---

#### Marker for terminal blocks - ZB 8,LGS:L1-N,PE - 1052413



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

---

### Screwdriver tools

## Test plug - FTP 5+1 - 3069241

### Accessories

Screwdriver - SF-SL 0,8X4,0-100 - 1212551



Screwdriver, bladed (lasered), size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

---

Screwdriver - SF-SL 0,8X4,0-100 S-VDE - 1212588



Actuation tool, for ST terminal blocks, VDE insulated, with slimmer insulation integrated in the blade, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip

---

### Short-circuit connector

Short-circuit connector - FBSRH 2-8 - 3033802



Short-circuit connector, pitch: 8.2 mm, width: 14.7 mm, number of positions: 2, color: red

---

Short-circuit connector - FBSRH 3-8 - 3033803



Short-circuit connector, pitch: 8.2 mm, width: 22.9 mm, number of positions: 3, color: red

---

Short-circuit connector - FBSRH 4-8 - 3033804



Short-circuit connector, pitch: 8.2 mm, width: 31.1 mm, number of positions: 4, color: red

---

### Shoulder bag

## Test plug - FTP 5+1 - 3069241

### Accessories

Shoulder bag - FAME-BAG 260 - 3069520



Shoulder bag, For FAME connectors with a width of up to 261 mm, length: 220 mm, width: 290 mm, height: 115 mm, color: black

---

### Switching jumper

Switching jumper - SB-MER 2-8 - 3000587



Switching jumper, pitch: 8.2 mm, length: 24.7 mm, width: 16.4 mm, number of positions: 2, color: gray/orange

---

Switching jumper - SB-MER 3-8 - 3000588



Switching jumper, pitch: 8.2 mm, length: 24.7 mm, width: 24.6 mm, number of positions: 3, color: gray/orange

---

Switching jumper - SB-MER 4-8 - 3000589



Switching jumper, pitch: 8.2 mm, length: 24.7 mm, width: 32.8 mm, number of positions: 4, color: gray/orange

---

### Terminal marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

---

## Test plug - FTP 5+1 - 3069241

### Accessories

#### Marker for terminal blocks - UC-TM 8 - 0818072



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 56

#### Marker for terminal blocks - UCT-TM 8 - 0828740



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into tall marker groove, for terminal block width: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 42

#### Test socket

#### Screw - FTP SCREW M3X4,5 - 3069467



Screw, for attaching cable lugs to FAME test plugs, with cover, without test point, length: 4.5 mm, color: silver/black

#### Female test connector - PSBJ-URTK 6 FARBLOS - 3026450



Female test connector, color: transparent

#### Female test connector - PSBJ-URTK 6 RD - 3026719



Female test connector, color: red

## Test plug - FTP 5+1 - 3069241

### Accessories

Female test connector - PSBJ-URTK 6 BU - 3026434



Female test connector, color: blue

---

Female test connector - PSBJ-URTK 6 YE - 3026405



Female test connector, color: yellow

---

Female test connector - PSBJ-URTK 6 GN - 3026418



Female test connector, color: green

---

Female test connector - PSBJ-URTK 6 VT - 3026421



Female test connector, color: violet

---

Female test connector - PSBJ-URTK 6 GY - 3026612



Female test connector, color: gray

---



## Test plug - FTP 5+1 - 3069241

### Accessories

Female test connector - PSBJ-URTK 6 BK - 3026447



Female test connector, color: black

---

Female test connector - PSBJ-URTK 6 BN - 3026971



Female test connector, color: brown

---

Female test connector - PSBJ-URTK 6 WH - 3026448



Female test connector, color: white

---

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Terminal Block Tools & Accessories](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[00171430102](#) [00171420102](#) [600HL](#) [600RJ-07](#) [600RJ-11](#) [600RJ-14](#) [600RJS-10](#) [600RJS-12](#) [600RJS-15](#) [600RJS-21](#) [601RJ-09](#) [602SP](#) [602Z](#)  
[604J](#) [CSTSPC1-2](#) [7B941-7](#) [88943-2100](#) [QC102](#) [1437403-6](#) [1437403-9](#) [1437403-8](#) [1453128-1](#) [147832-1](#) [EC0037-000](#) [MT2/H--](#) [MT6/H-N](#)  
[MT6/V-GRND](#) [MT8/H-51-60](#) [BC2-12](#) [BCC-1-8/10](#) [EP2.5/4UN/BG](#) [1707755](#) [1735590](#) [1755480](#) [1789281](#) [1840227](#) [1840230](#) [2-1437402-1](#)  
[JA2-03](#) [JB1-03/J](#) [JB2-04](#) [JB2-05](#) [JB2-07](#) [JB2-09/J](#) [PARALLELJUMPERLINK](#) [JS601](#) [2204082](#) [2302463](#) [2305949](#) [8PCV-BUSHING](#)