

## Test plug - FTP-2/B14 - 3069475

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, VDE coded type B14, number of positions: 14, width: 146.7 mm, 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



### Key Commercial Data

Packing unit	1
GTIN	 4 046356 907835
GTIN	4046356907835
Custom tariff number	85366990

### Technical data

#### General

Note	A detailed circuit diagram can be found under Miscellaneous Downloads
Number of positions	14
Number of levels	1
Potentials	14
Nominal cross section	6 mm <sup>2</sup>

# Test plug - FTP-2/B14 - 3069475

## Technical data

### General

Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	4 kV
Test surge voltage	5 kV
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.31 W
Maximum load current	24 A
Nominal current $I_N$	24 A
Nominal voltage $U_N$	400 V AC/DC
Open side panel	No
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
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

Width	146.7 mm
Length	86 mm
Pitch	8.2 mm

### Connection data

Note	The conductor cross section depends on the cable lug used
Conductor cross section flexible min.	0.5 mm <sup>2</sup>
Conductor cross section flexible max.	2.5 mm <sup>2</sup>

# Test plug - FTP-2/B14 - 3069475

## Technical data

### Connection data

Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	14

### Mounting

Mounting type	Insertion in base strip
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

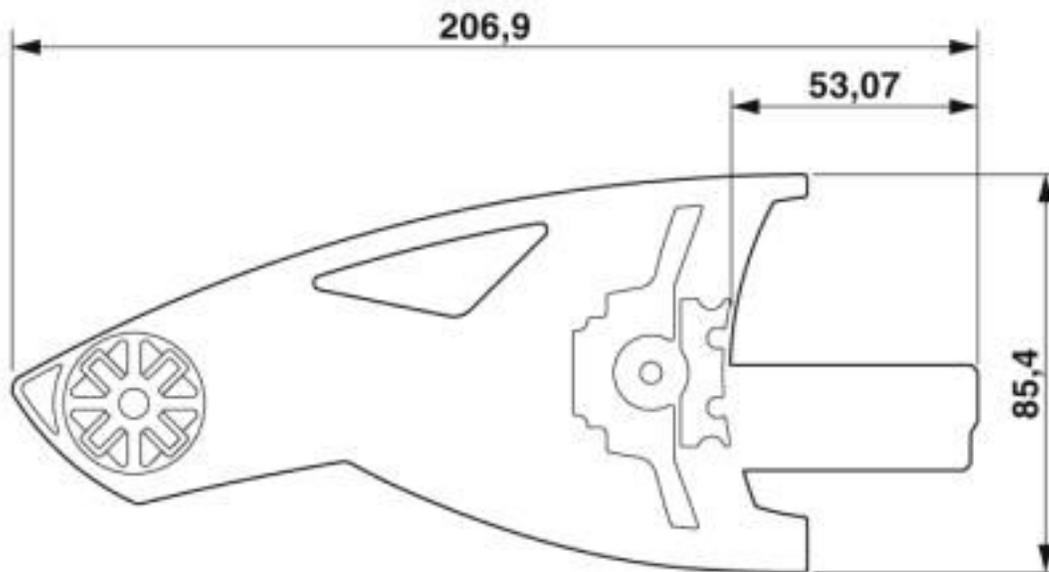
Flammability rating according to UL 94	V0
--	----

### Environmental Product Compliance

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

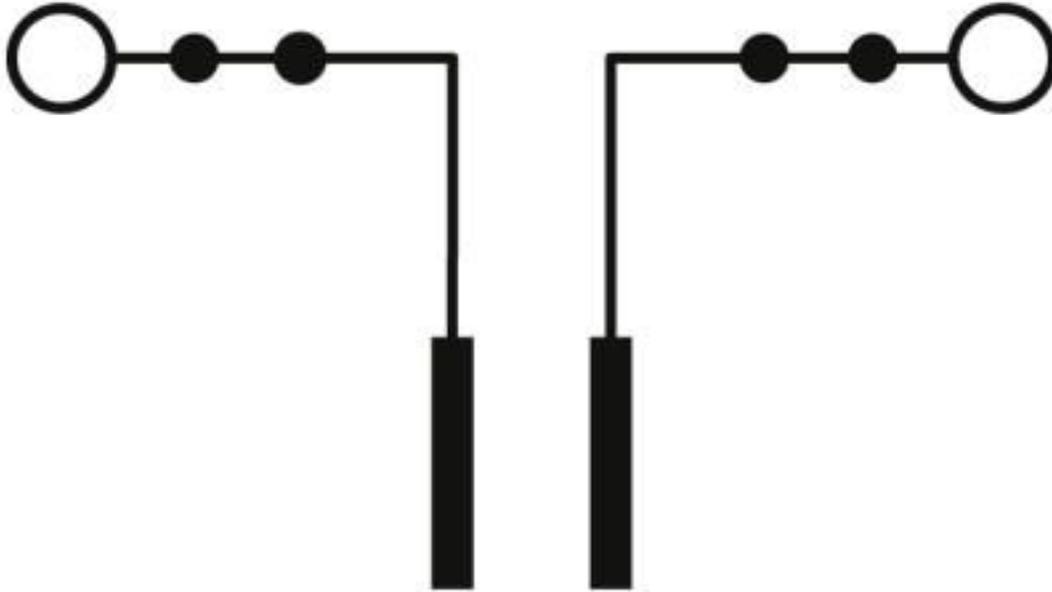
## Drawings

Dimensional drawing



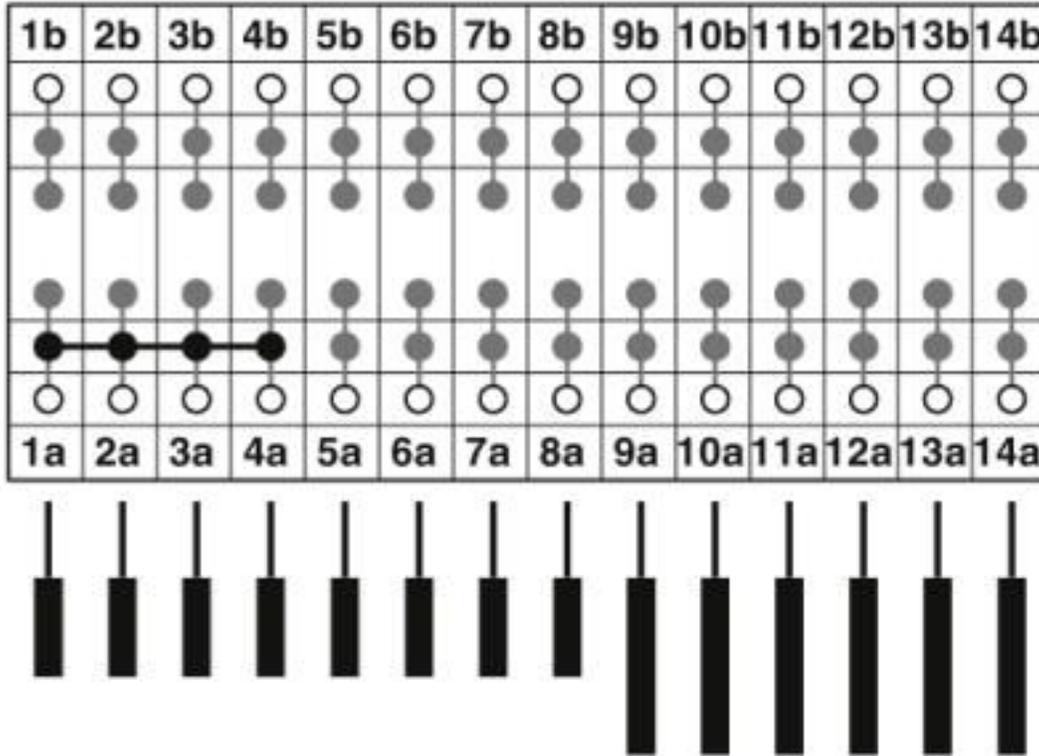
# Test plug - FTP-2/B14 - 3069475

Circuit diagram



# Test plug - FTP-2/B14 - 3069475

Circuit diagram



Circuit diagram shows the test terminal strip with test plug inserted

## Classifications

eCl@ss

eCl@ss 10.0.1	27141190
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	27141190
eCl@ss 8.0	27141190
eCl@ss 9.0	27141190

ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC002848

# Test plug - FTP-2/B14 - 3069475

## Classifications

### ETIM

ETIM 6.0	EC002848
ETIM 7.0	EC002848

### UNSPSC

UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / 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.BL08.B.00511
-----	--	--	--------------------------

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

## Test plug - FTP-2/B14 - 3069475

### Accessories

#### Accessories

#### Connector

#### 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-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

---

#### Labeled terminal marker

## Test plug - FTP-2/B14 - 3069475

### Accessories

#### 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

#### 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

## Test plug - FTP-2/B14 - 3069475

### Accessories

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

---

### Shoulder bag

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

---

### 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

---

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 plug - FTP-2/B14 - 3069475

### Accessories

---

#### Marker for terminal blocks - TMT (EX9,5)R - 0828295



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: snap into universal marker groove, snap into tall marker groove, for terminal block width: 50000 mm, lettering field size: 9.5 x 50000 mm, Number of individual labels: 1

---

#### Marker for terminal blocks - US-TM 100 - 0829255



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into universal marker groove, lettering field size: 104 x 9.8 mm, Number of individual labels: 13

---

#### 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-2/B14 - 3069475

### 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-2/B14 - 3069475

### 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

---

### Additional products

Test terminal strip - PTWE 6-2/B14 - 3069440



Test terminal strip, VDE coded type B14, A detailed circuit diagram can be found under Miscellaneous Downloads, nom. voltage: 400 V AC/DC, connection method: Push-in connection, number of connections: 28, number of positions: 14, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, width: 147.6 mm, height: 56.5 mm, color: gray, mounting type: Wall mounting

---

Test terminal strip - PTRE 6-2/B14 - 3069453



Test terminal strip, VDE coded type B14, A detailed circuit diagram can be found under Miscellaneous Downloads, nom. voltage: 400 V AC/DC, connection method: Push-in connection, number of connections: 28, number of positions: 14, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, width: 146.7 mm, height: 56.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15

---

## Test plug - FTP-2/B14 - 3069475

### Accessories

#### Test terminal strip - UTWE 6-2/B14 - 3069414



Test terminal strip, VDE coded type B14, A detailed circuit diagram can be found under Miscellaneous Downloads, nom. voltage: 400 V AC/DC, connection method: Screw connection, number of connections: 28, number of positions: 14, cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24 - 8, width: 147.6 mm, height: 56.5 mm, color: gray, mounting type: Wall mounting

---

#### Test terminal strip - UTRE 6-2/B14 - 3069427



Test terminal strip, VDE coded type B14, A detailed circuit diagram can be found under Miscellaneous Downloads, nom. voltage: 400 V AC/DC, connection method: Screw connection, number of connections: 28, number of positions: 14, cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24 - 8, width: 146.7 mm, height: 56.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15