

## Test plug - FTP-2/4 SERVICE - 3069468

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Test plug, Number of positions: 4, Width: 34.2 mm, Color: red

### Why buy this product

- ✓ 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
- ✓ Space saving, thanks to offset test socket arrangement
- ✓ 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
- ✓ Maximum safety with leading and automatic transformer short circuit

### Key Commercial Data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 STK     |
| Weight per Piece (excluding packing) | 140.000 g |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland    |

### Technical data

#### General

|                       |                   |
|-----------------------|-------------------|
| Number of positions   | 4                 |
| Number of levels      | 1                 |
| Number of connections | 8                 |
| Potentials            | 4                 |
| Nominal cross section | 6 mm <sup>2</sup> |
| Color                 | red               |
| Insulating material   | PA                |

# Test plug - FTP-2/4 SERVICE - 3069468

## Technical data

### General

|   |             |
|---|-------------|
| Flammability rating according to UL 94                                  | V0          |
| Rated surge voltage   | 5 kV        |
| Overvoltage category  | III         |
| Insulating material group   | I           |
| Maximum load current  | 24 A        |
| Nominal current I <sub>N</sub>  | 24 A        |
| Nominal voltage U <sub>N</sub>  | 400 V AC/DC |
| Open side panel   | No          |
| 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      |
| Behavior in fire for rail vehicles (DIN 5510-2)                         | Test passed |
| Flame test method (DIN EN 60695-11-10)                                  | V0          |
| Oxygen index (DIN EN ISO 4589-2)  | >32 %       |
| NF F16-101, NF F10-102 Class I  | 2           |
| NF F16-101, NF F10-102 Class F  | 2           |
| 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      |
| Calorimetric heat release NFPA 130 (ASTM E 1354)                        | 28 MJ/kg    |
| 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  | 34.2 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>                                       |
| Min. AWG conductor cross section, flexible | 20  |
| Max. AWG conductor cross section, flexible | 14  |

### Assembly

|               |                         |
|---------------|-------------------------|
| Mounting type | Insertion in base strip |
|---------------|-------------------------|

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## Technical data

### Assembly

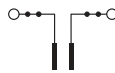
|  |        |
|--|--------|
| Min. tightening torque of the test socket screw: | 0.5 Nm |
| Max. tightening torque of the test socket screw: | 0.6 Nm |

### Standards and Regulations

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

## Drawings

Circuit diagram



## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.1 | 27141120 |
| eCl@ss 6.0 | 27141141 |
| eCl@ss 8.0 | 27141190 |
| eCl@ss 9.0 | 27141190 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000897 |
| ETIM 5.0 | EC002848 |

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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### Approval details

# Test plug - FTP-2/4 SERVICE - 3069468

## Approvals

|  |       |
|--|-------|
| 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 |       |
|  | D     |
| Nominal current IN   | 10 A  |
| Nominal voltage UN   | 300 V |

|   |       |
|---|-------|
| 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 |       |
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|  |  |
|--|--|
| cULus 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> |  |
|--|--|

## Accessories

### Accessories

#### Coding element

Coding profile - PC-FTP-TRI - 3069898



Coding profile, For FTP-2 and FTPR-2 test plugs and FBP-2 blind plugs, design: delta, Length: 25.5 mm, Width: 4 mm, Height: 6 mm, Color: red

Coding profile - PC-FTP-TRI - 3069898



Coding profile, For FTP-2 and FTPR-2 test plugs and FBP-2 blind plugs, design: delta, Length: 25.5 mm, Width: 4 mm, Height: 6 mm, Color: red

## Connector

## Test plug - FTP-2/4 SERVICE - 3069468

### Accessories

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



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

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



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

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



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

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### Test socket

Female test connector - PSBJ-URTK 6 FARBLOS - 3026450



Female test connector, Color: transparent

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Female test connector - PSBJ-URTK 6 RD - 3026719



Female test connector, Color: red

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## Test plug - FTP-2/4 SERVICE - 3069468

### Accessories

Female test connector - PSBJ-URTK 6 BU - 3026434



Female test connector, Color: blue

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Female test connector - PSBJ-URTK 6 YE - 3026405



Female test connector, Color: yellow

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Female test connector - PSBJ-URTK 6 GN - 3026418



Female test connector, Color: green

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Female test connector - PSBJ-URTK 6 VT - 3026421



Female test connector, Color: violet

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Female test connector - PSBJ-URTK 6 GY - 3026612



Female test connector, Color: gray

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## Test plug - FTP-2/4 SERVICE - 3069468

### Accessories

Female test connector - PSBJ-URTK 6 BK - 3026447



Female test connector, Color: black

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Female test connector - PSBJ-URTK 6 BN - 3026971



Female test connector, Color: brown

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Female test connector - PSBJ-URTK 6 WH - 3026448



Female test connector, Color: white

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### Additional products

Test terminal strip - PTWE 6-2/4 - 3069827



Test terminal strip, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, Width: 65.6 mm, Height: 56.5 mm, Color: gray, Mounting type: Wall mounting

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Test terminal strip - PTRE 6-2/4 - 3069849



Test terminal strip, Connection method: Push-in connection, Number of positions: 4, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 20 - 8, Width: 65.2 mm, Height: 56.5 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/7,5

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## Test plug - FTP-2/4 SERVICE - 3069468

### Accessories

Test terminal strip - UTWE 6-2/4 - 3069650



Test terminal strip, Connection method: Screw connection, Number of positions: 4, Cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24 - 8, Width: 65.6 mm, Height: 56.5 mm, Color: gray, Mounting type: Wall mounting

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Test terminal strip - UTRE 6-2/4 - 3069805



Test terminal strip, Connection method: Screw connection, Number of positions: 4, Cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24 - 8, Width: 65.2 mm, Height: 56.5 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/7,5

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