

## Test plug - FTP-2/2 SERVICE - 3069464

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Test plug, number of positions: 2, width: 19.5 mm, color: red

The figure shows the 4-position version

### 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
- ✓ 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
- ✓ The automatically generated transformer short circuit and the shock-proof design ensure the highest degree of safety during measurement



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 055626 379326 |
| GTIN                                 | 4055626379326                                                                                           |
| Weight per Piece (excluding packing) | 80.000 g                                                                                                |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### General

|                     |   |
|---------------------|---|
| Number of positions | 2 |
| Number of levels    | 1 |

# Test plug - FTP-2/2 SERVICE - 3069464

## Technical data

### General

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Number of connections                           | 4                 |
| Potentials                                      | 2                 |
| Nominal cross section                           | 6 mm <sup>2</sup> |
| Color                                           | red               |
| 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 <sub>N</sub>                  | 24 A              |
| Nominal voltage U <sub>N</sub>                  | 400 V AC/DC       |
| Open side panel                                 | No                |

### Dimensions

|        |         |
|--------|---------|
| Width  | 19.5 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                                                        |

### 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                  |

### Ambient conditions

|                                          |                                                                           |
|------------------------------------------|---------------------------------------------------------------------------|
| Operating temperature                    | -60 °C ... 105 °C (max. short-term operating temperature 130 °C)          |
| Ambient temperature (storage/transport)  | -25 °C ... 60 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C) |
| Permissible humidity (storage/transport) | 30 % ... 70 %                                                             |
| Ambient temperature (assembly)           | -5 °C ... 70 °C                                                           |
| Ambient temperature (actuation)          | -5 °C ... 70 °C                                                           |

# Test plug - FTP-2/2 SERVICE - 3069464

## Technical data

### Standards and Regulations

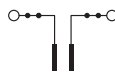
|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Circuit diagram



## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27141190 |
| eCl@ss 11.0   | 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 9.0    | 27141190 |

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000897 |
| 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

## Test plug - FTP-2/2 SERVICE - 3069464

### Approvals

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Approvals

EAC

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Ex Approvals

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### Approval details

EAC



RU C-  
DE.BL08.B.00511

### Accessories

Accessories

Connector

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



Fork-type cable lug, blue, 1.5 - 2.5 mm², M3

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



Ring cable lug, red, 0.5 ... 1.5 mm², M3

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



Ring cable lug, blue, 1.5 ... 2.5 mm², M3

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## Test plug - FTP-2/2 SERVICE - 3069464

### Accessories

#### 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

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#### 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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#### 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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## Test plug - FTP-2/2 SERVICE - 3069464

### Accessories

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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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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## Test plug - FTP-2/2 SERVICE - 3069464

### Accessories

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, nom. voltage: 400 V AC/DC, connection method: Push-in connection, number of connections: 8, 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, nom. voltage: 400 V AC/DC, connection method: Push-in connection, number of connections: 8, 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 terminal strip - UTWE 6-2/4 - 3069650



Test terminal strip, nom. voltage: 400 V AC/DC, connection method: Screw connection, number of connections: 8, 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, nom. voltage: 400 V AC/DC, connection method: Screw connection, number of connections: 8, 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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