

## Test plug - FTP-2/1 SERVICE - 3069469

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Test plug, Number of positions: 1, Width: 9 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)	60.000 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### General

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

# Test plug - FTP-2/1 SERVICE - 3069469

## 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	9 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

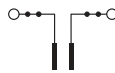
Min. tightening torque of the test socket screw:	0.5 Nm
Max. tightening torque of the test socket screw:	0.6 Nm

### Standards and Regulations

Flammability rating according to UL 94	V0
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## 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-2/1 SERVICE - 3069469

## 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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## 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-2/1 SERVICE - 3069469

### 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-2/1 SERVICE - 3069469

### 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-2/1 SERVICE - 3069469

### 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-2/1 SERVICE - 3069469

### 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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