

## Test plug - FTPR-3/4S - 3069954

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Test plug, With twist grip, Number of positions: 4, Width: 63.4 mm, Color: gray



The figure shows the 14-pos. version

### 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
- Safe, thanks to guided operation with patented twist grip
- 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)	380.000 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### General

Note	A detailed circuit diagram can be found under Miscellaneous Downloads
Number of positions	4
Number of levels	1
Potentials	4
Nominal cross section	6 mm <sup>2</sup>

# Test plug - FTFR-3/4S - 3069954

## Technical data

### General

Color	gray
Insulating material	PA
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 $I_N$	24 A
Nominal voltage $U_N$	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	63.4 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

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## Technical data

### Assembly

Mounting type	Insertion in base strip
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### Standards and Regulations

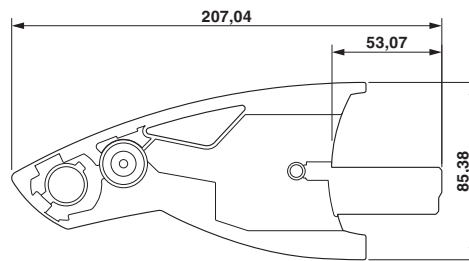
Flammability rating according to UL 94	V0
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## Drawings

Circuit diagram



Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 5.1	27141120
eCl@ss 6.0	27141141
eCl@ss 8.0	27440313
eCl@ss 9.0	27440313

### ETIM

ETIM 4.0	EC000897
ETIM 5.0	EC002255

## Approvals

### Approvals

Approvals


UL Recognized / cUL Recognized / cULus Recognized


Ex Approvals


### Approval details

# Test plug - FTPR-3/4S - 3069954

## 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

#### 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

## Test plug - FTPR-3/4S - 3069954

### Accessories

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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### Jumper

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, Pitch: 8.2 mm, Length: 29.6 mm, Width: 14.7 mm, Number of positions: 2, Color: red

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Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 3, Color: red

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Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 4, Color: red

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## Test plug - FTPR-3/4S - 3069954

### Accessories

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



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 3, Pin assignment: 1,3, Color: red

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



Plug-in bridge, Pitch: 8.2 mm, Length: 29.6 mm, Width: 14.7 mm, Number of positions: 2, Color: orange

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



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 3, Color: orange

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



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 4, Color: orange

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### 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: 10.5 x 8.15 mm

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## Test plug - FTPR-3/4S - 3069954

### 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: 7.6 x 10.5 mm

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#### 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: 7.6 x 10.5 mm

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



Zack marker strip, Strip, white, labeled, can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm

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



Zack marker strip, Strip, white, labeled, can be labeled with: 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: 10.5 x 8.15 mm

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



Marker for terminal blocks, Strip, white, labeled, can be labeled with: 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: 10.5 x 8.15 mm

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#### Short-circuit connector

## Test plug - FTPR-3/4S - 3069954

### Accessories

Short-circuit connector - FBSRH 2-8 - 3033802



Short-circuit connector, Pitch: 8.2 mm, Number of positions: 2, Color: red

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Short-circuit connector - FBSRH 3-8 - 3033803



Short-circuit connector, Pitch: 8.2 mm, Number of positions: 3, Color: red

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Short-circuit connector - FBSRH 4-8 - 3033804



Short-circuit connector, Pitch: 8.2 mm, Number of positions: 4, Color: red

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### 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

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### Terminal marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 10.5 x 8.15 mm



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### Accessories

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



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, THERMOMARK PRIME, Mounting type: Snap into tall marker groove, for terminal block width: 8.2 mm, Lettering field: 7.6 x 10.5 mm

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



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, Mounting type: Snap into universal marker groove, Snap into tall marker groove, Lettering field: 9.5 x 50000 mm

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



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, Mounting type: Snap into universal marker groove, Lettering field: 104 x 9.8 mm

### Test socket

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



Female test connector, Color: transparent

## Test plug - FTPR-3/4S - 3069954

### Accessories

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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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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## Test plug - FTPR-3/4S - 3069954

### Accessories

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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Female test connector - PSBJ-URTK 6 WH - 3026448



Female test connector, Color: white

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### Additional products

Test terminal strip - RSCWE 6-3/4 - 3969920



Test terminal strip, Connection method: Ring cable lug, Number of positions: 4, Cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG: 24 - 8, Width: 65.2 mm, Height: 70.1 mm, Color: gray, Mounting type: Wall mounting

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