

## Test plug - FTPR-3/10S - 3069955

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Test plug, With twist grip, Number of positions: 10, Width: 112.3 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   |
| GTIN                                 | <br>4 055626 279282 |
| GTIN                                 | 4055626279282   |
| Weight per Piece (excluding packing) | 640.000 g   |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Poland  |

### Technical data

#### General

|                     |    |
|---------------------|----|
| Number of positions | 10 |
| Number of levels    | 1  |

# Test plug - FTPR-3/10S - 3069955

## Technical data

### General

|   |                   |
|---|-------------------|
| Number of connections   | 20                |
| Potentials  | 10                |
| Nominal cross section   | 6 mm <sup>2</sup> |
| 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 power dissipation for nominal condition                         | 1.31 W            |
| Maximum load current  | 20 A              |
| Nominal current I <sub>N</sub>  | 20 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)                        | 27,5 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  | 112.3 mm |
| Length | 86 mm    |
| Pitch  | 8.2 mm   |

### Connection data

|      |   |
|------|---|
| Note | The conductor cross section depends on the cable lug used |
|------|---|

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## Technical data

### Connection data

|  |                     |
|--|---------------------|
| 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 |
| 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 |
|--|----|

## Approvals

### Approvals

#### Approvals

UL Recognized / cUL Recognized / 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 |
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