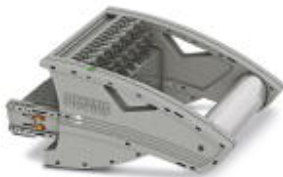


Test plug - FTPR-3/13S - 3069971

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Test plug, With twist grip, Number of positions: 13, Width: 136.8 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

RoHS

Key Commercial Data

Packing unit	1
GTIN	 4 055626 273730
GTIN	4055626273730
Custom tariff number	85366990

Technical data

General

Number of positions	13
Number of levels	1
Number of connections	26
Potentials	13

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Technical data

General

Nominal cross section	6 mm ²
Color	gray
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	20 A
Nominal current I _N	20 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)	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	136.8 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 ²

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Technical data

Connection data

Conductor cross section flexible max.	2.5 mm ²
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

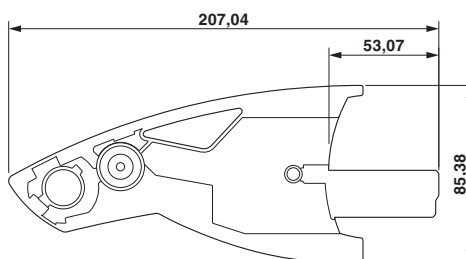
Flammability rating according to UL 94	V0
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Drawings

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
ETIM 6.0	EC002255

UNSPSC

UNSPSC 13.2	39121410
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Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	

Accessories

Accessories

Connector

Fork-type cable lug - C-FCI 1,5/M3 - 3240032



Fork-type cable lug, red, 0.5 - 1.5 mm², M3

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Accessories

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



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

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



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

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



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

Jumper

Plug-in bridge - FBS 2-8 - 3030284



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 14.7 mm, Number of positions: 2, Color: red

Plug-in bridge - FBS 3-8 - 3030297



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 22.9 mm, Number of positions: 3, Color: red

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Accessories

Plug-in bridge - FBS 4-8 - 3030307



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 31.1 mm, Number of positions: 4, Color: red

Plug-in bridge - FBS 5-8 - 3030310



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 39.3 mm, Number of positions: 5, Color: red

Plug-in bridge - FBS 6-8 - 3032470



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 47.5 mm, Number of positions: 6, Color: red

Plug-in bridge - FBS 10-8 - 3030323



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 80.3 mm, Number of positions: 10, Color: red

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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Accessories

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



Plug-in bridge, Pitch: 8.2 mm, Length: 3 mm, Width: 14.7 mm, Number of positions: 2, Color: orange

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



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

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



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

Plug-in bridge - FBS 10-8 CT - 3033833



Plug-in bridge, Pitch: 8.2 mm, Number of positions: 10, Color: orange

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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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

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

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



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-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

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



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-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

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



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-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

Short-circuit connector

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Accessories

Short-circuit connector - FBSRH 2-8 - 3033802



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

Short-circuit connector - FBSRH 3-8 - 3033803



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

Short-circuit connector - FBSRH 4-8 - 3033804



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

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

Terminal marking

Zack marker strip - ZB 8:UNBEDRUCKT - 1052002



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, 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

Marker for terminal blocks - UC-TM 8 - 0818072



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, 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 PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, 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 ROLLMASTER 300/600, THERMOMARK X1.2, 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

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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Accessories

Female test connector - PSBJ-URTK 6 FARBLOS - 3026450



Female test connector, Color: transparent

Female test connector - PSBJ-URTK 6 RD - 3026719



Female test connector, Color: red

Female test connector - PSBJ-URTK 6 BU - 3026434



Female test connector, Color: blue

Female test connector - PSBJ-URTK 6 YE - 3026405



Female test connector, Color: yellow

Female test connector - PSBJ-URTK 6 GN - 3026418



Female test connector, Color: green

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Accessories

Female test connector - PSBJ-URTK 6 VT - 3026421



Female test connector, Color: violet

Female test connector - PSBJ-URTK 6 GY - 3026612



Female test connector, Color: gray

Female test connector - PSBJ-URTK 6 BK - 3026447



Female test connector, Color: black

Female test connector - PSBJ-URTK 6 BN - 3026971



Female test connector, Color: brown

Female test connector - PSBJ-URTK 6 WH - 3026448



Female test connector, Color: white

Additional products

Test plug - FTPR-3/13S - 3069971

Accessories

Test terminal strip - RSCWE 6-3/13 - 3969916



Test terminal strip, Connection method: Ring cable lug, Number of connections: 26, Number of positions: 13, Width: 138.6 mm, Height: 70.1 mm, Color: gray, Mounting type: Wall mounting