

Test plug - FTP-2/1 SERVICE

3069469

<https://www.phoenixcontact.com/us/products/3069469>



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Test plug, nom. voltage: 400 V, nominal current: 24 A, Rated cross section: 2.5 mm², color: red

Your advantages

- 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
- 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

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Commercial Data

Item number	3069469
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	B04
Product Key	BE6112
Catalog Page	Page 626 (C-1-2019)
GTIN	4046356907781
Weight per Piece (including packing)	63.2 g
Weight per Piece (excluding packing)	43.9 g
Customs tariff number	85366990
Country of origin	PL

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Technical Data

Product properties

Product type	Test plug terminal block
Number of positions	1
Pitch	8.2 mm
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
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Electrical properties

Rated surge voltage	4 kV
Maximum power dissipation for nominal condition	1.31 W
Test surge voltage	5 kV

Connection data

Nominal cross section	6 mm ²
Test socket torque	0.5
Note	The conductor cross section depends on the cable lug used
Conductor cross section flexible	0.5 mm ² ... 2.5 mm ²
Conductor cross section, flexible [AWG]	20 ... 14
Nominal current	24 A
Maximum load current	24 A
Nominal voltage	400 V AC/DC
Nominal cross section	2.5 mm ²

Dimensions

Width	9 mm
Length	86 mm
Pitch	8.2 mm

Material specifications

Color	red
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	125 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3

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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
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
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

Mechanical properties

Mechanical data

Open side panel	No
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Environmental and real-life conditions

Ambient conditions

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

Mounting

Mounting type	Insertion in base strip
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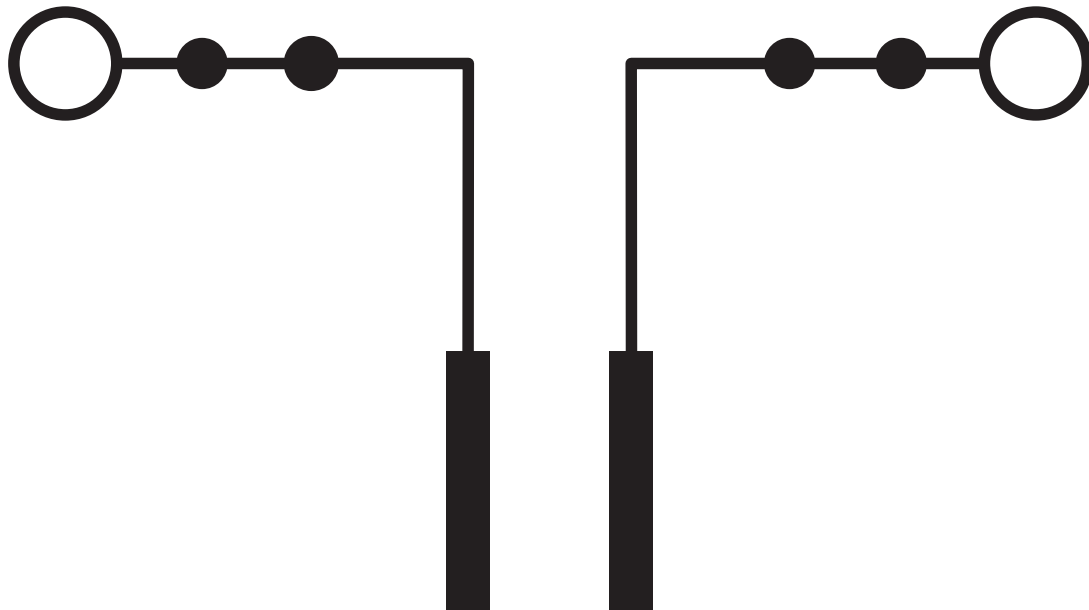
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Drawings

Circuit diagram



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Approvals



EAC

Approval ID: RU C-DE.BL08.B.00511



cULus Recognized

Approval ID: E60425

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Classifications

ECLASS

ECLASS-9.0	27141190
ECLASS-10.0.1	27141190
ECLASS-11.0	27141190

ETIM

ETIM 8.0	EC002848
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UNSPSC

UNSPSC 21.0	39121400
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Environmental Product Compliance

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

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Accessories

Fork-type cable lug

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

<https://www.phoenixcontact.com/us/products/3240037>



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

Female test connector

Female test connector - PSBJ-URTK 6 FARBLOS - 3026450

<https://www.phoenixcontact.com/us/products/3026450>



Female test connector, color: transparent

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Ring cable lug

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

<https://www.phoenixcontact.com/us/products/3240016>

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



Female test connector

Female test connector - PSBJ-URTK 6 RD - 3026719

<https://www.phoenixcontact.com/us/products/3026719>

Female test connector, color: red



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Ring cable lug

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

<https://www.phoenixcontact.com/us/products/3240021>

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



Female test connector

Female test connector - PSBJ-URTK 6 BU - 3026434

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Female test connector, color: blue



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Screw

Screw - FTP SCREW M3X4,5 - 3069467

<https://www.phoenixcontact.com/us/products/3069467>



Screw, for attaching cable lugs to FAME test plugs, with cover, without test point, length: 4.5 mm, color: silver/black

Female test connector

Female test connector - PSBJ-URTK 6 YE - 3026405

<https://www.phoenixcontact.com/us/products/3026405>



Female test connector, color: yellow

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Female test connector

Female test connector - PSBJ-URTK 6 GN - 3026418

<https://www.phoenixcontact.com/us/products/3026418>



Female test connector, color: green

Female test connector

Female test connector - PSBJ-URTK 6 VT - 3026421

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Female test connector, color: violet

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Female test connector

Female test connector - PSBJ-URTK 6 GY - 3026612

<https://www.phoenixcontact.com/us/products/3026612>



Female test connector, color: gray

Female test connector

Female test connector - PSBJ-URTK 6 BK - 3026447

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Female test connector, color: black

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Female test connector

Female test connector - PSBJ-URTK 6 BN - 3026971

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Female test connector, color: brown



Female test connector

Female test connector - PSBJ-URTK 6 WH - 3026448

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Female test connector, color: white



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Test terminal strip

Test terminal strip - PTWE 6-2/4 - 3069827

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Test terminal strip, nom. voltage: 400 V, connection method: Push-in connection, 1 level, Rated cross section: 6 mm², cross section: 0.5 mm² - 10 mm², mounting type: Wall mounting, color: gray

Test terminal strip

Test terminal strip - PTRE 6-2/4 - 3069849

<https://www.phoenixcontact.com/us/products/3069849>



Test terminal strip, nom. voltage: 400 V, connection method: Push-in connection, 1 level, Rated cross section: 6 mm², cross section: 0.5 mm² - 10 mm², mounting type: NS 35/7,5, NS 35/7,5, color: gray

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Test terminal strip

Test terminal strip - UTWE 6-2/4 - 3069650

<https://www.phoenixcontact.com/us/products/3069650>



Test terminal strip, nom. voltage: 400 V, connection method: Screw connection, 1 level, Rated cross section: 6 mm², cross section: 0.2 mm² - 10 mm², mounting type: Wall mounting, color: gray

Test terminal strip

Test terminal strip - UTRE 6-2/4 - 3069805

<https://www.phoenixcontact.com/us/products/3069805>



Test terminal strip, nom. voltage: 400 V, connection method: Screw connection, 1 level, Rated cross section: 6 mm², cross section: 0.2 mm² - 10 mm², mounting type: NS 35/7,5, NS 35/7,5, color: gray

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com