

Test plug - FTP-2/4 SERVICE - 3069468

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Test plug, number of positions: 4, width: 34.2 mm, 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
- ✓ 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 pc
GTIN	
GTIN	4055626058092

Technical data

General

Number of positions	4
Number of levels	1
Number of connections	8
Potentials	4
Nominal cross section	6 mm ²
Color	red
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	4 kV
Test surge voltage	5 kV

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Technical data

General

Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	1.31 W
Maximum load current	24 A
Nominal current I_N	24 A
Nominal voltage U_N	400 V AC/DC
Open side panel	No
Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (For a short time, not exceeding 24 h, -60 to +70 °C)
Permissible humidity (storage/transport)	30 % ... 70 %
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
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
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	27,5 MJ/kg
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
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	34.2 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
Conductor cross section flexible max.	2.5 mm ²
Min. AWG conductor cross section, flexible	20
Max. AWG conductor cross section, flexible	14

Mounting

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

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Technical data

Standards and Regulations

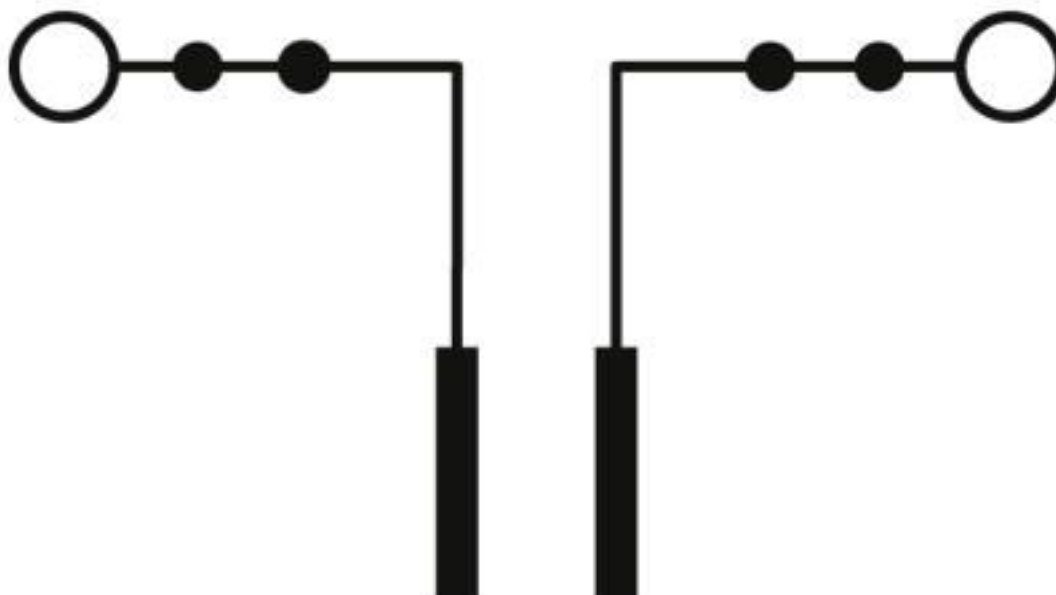
Flammability rating according to UL 94	V0
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1	27141190
eCl@ss 4.0	27141100
eCl@ss 4.1	27141100
eCl@ss 5.0	27141100
eCl@ss 5.1	27141100
eCl@ss 6.0	27141100
eCl@ss 7.0	27141190
eCl@ss 8.0	27141190
eCl@ss 9.0	27141190

ETIM

ETIM 4.0	EC000897
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Classifications

ETIM

ETIM 5.0	EC002848
ETIM 6.0	EC002848
ETIM 7.0	EC002848

UNSPSC

UNSPSC 13.2	39121410
UNSPSC 18.0	39121410
UNSPSC 19.0	39121410
UNSPSC 20.0	39121410
UNSPSC 21.0	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
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EAC		RU C- DE.BL08.B.00511
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cULus Recognized	
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Accessories

Accessories

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Accessories

Connector

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

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

Female test connector - PSBJ-URTK 6 FARBLOS - 3026450



Female test connector, color: transparent

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Accessories

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

Female test connector - PSBJ-URTK 6 VT - 3026421



Female test connector, color: violet

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Accessories

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 terminal strip - PTWE 6-2/4 - 3069827



Test terminal strip, nom. voltage: 400 V AC/DC, connection method: Push-in connection, number of connections: 8, number of positions: 4, cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, width: 65.6 mm, height: 56.5 mm, color: gray, mounting type: Wall mounting

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Accessories

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



Test terminal strip, nom. voltage: 400 V AC/DC, connection method: Push-in connection, number of connections: 8, number of positions: 4, cross section: 0.5 mm² - 10 mm², AWG: 20 - 8, width: 65.2 mm, height: 56.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/7,5

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



Test terminal strip, nom. voltage: 400 V AC/DC, connection method: Screw connection, number of connections: 8, number of positions: 4, cross section: 0.2 mm² - 10 mm², AWG: 24 - 8, width: 65.6 mm, height: 56.5 mm, color: gray, mounting type: Wall mounting

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



Test terminal strip, nom. voltage: 400 V AC/DC, connection method: Screw connection, number of connections: 8, number of positions: 4, cross section: 0.2 mm² - 10 mm², 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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