

FTP-2/B14 - Test plug



3069475

<https://www.phoenixcontact.com/us/products/3069475>

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Test plug, A detailed circuit diagram can be found under Miscellaneous Downloads, VDE coded type B14, nom. voltage: 400 V, nominal current: 24 A, Rated cross section: 2.5 mm², color: gray



Your advantages

- Space saving, thanks to offset test socket arrangement
- 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 automatically generated transformer short circuit and the shock-proof design ensure the highest degree of safety during measurement
- 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

Commercial data

Item number	3069475
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BE6112
Catalog page	Page 631 (C-1-2019)
GTIN	4046356907835
Weight per piece (including packing)	757.5 g
Weight per piece (excluding packing)	757.5 g
Country of origin	PL

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Technical data

Notes

General	A detailed circuit diagram can be found under Miscellaneous Downloads
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Product properties

Product type	Test plug terminal block
Number of positions	14
Pitch	8.2 mm
Number of rows	1
Potentials	14

Insulation characteristics

Overvoltage category	III
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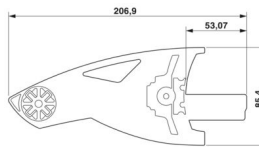
Electrical properties

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 (converted acc. to IEC)
Nominal current	24 A
Maximum load current	24 A
Nominal voltage	400 V AC/DC
Nominal cross section	2.5 mm ²

Dimensions

Dimensional drawing	
Width	146.7 mm
Height	86 mm
Pitch	8.2 mm

Material specifications

Color	gray
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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
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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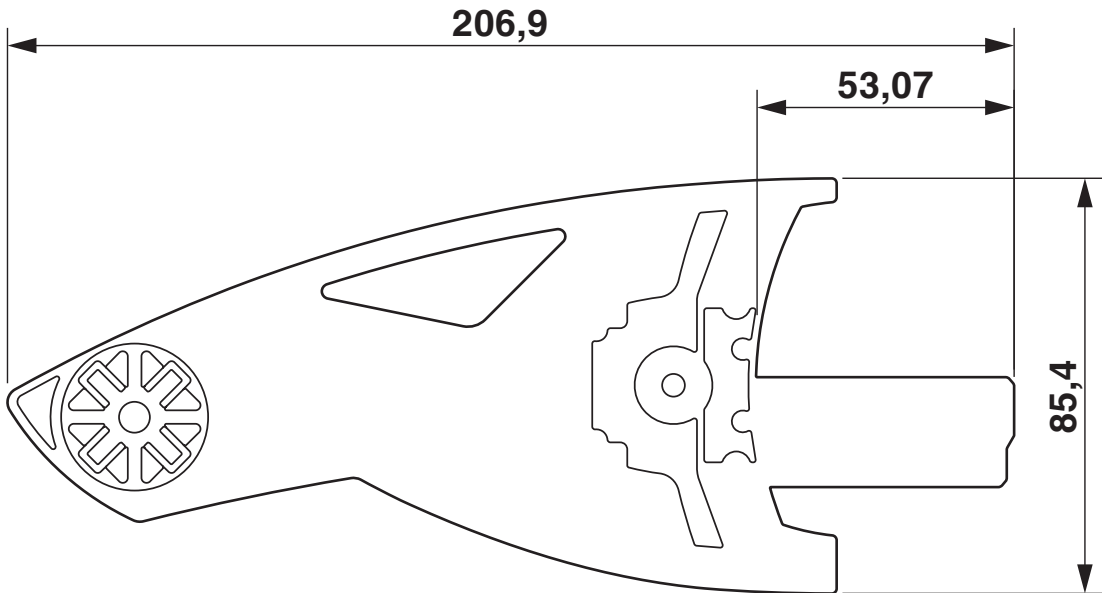
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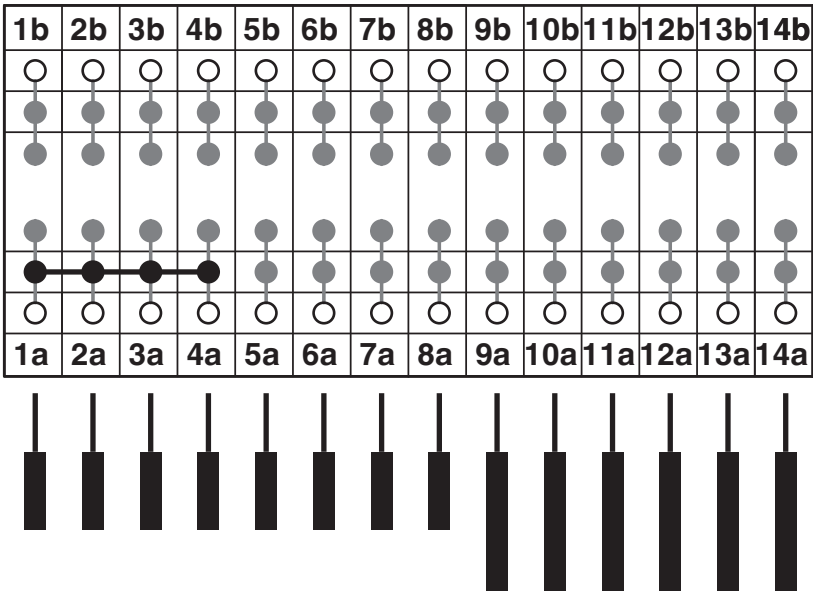


Drawings

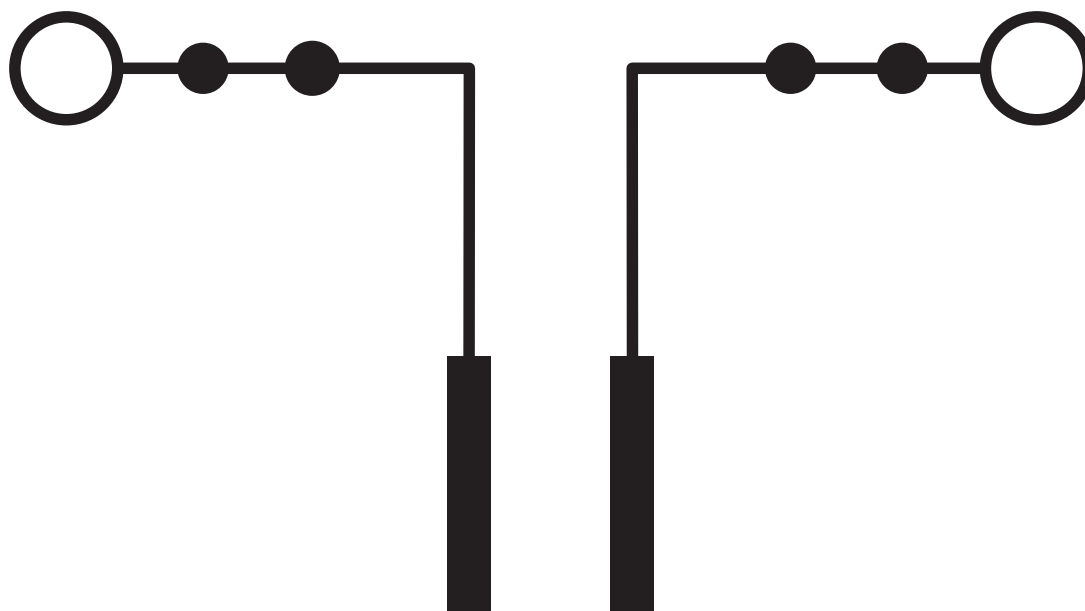
Dimensional drawing



Circuit diagram



Circuit diagram



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Approvals

📄 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3069475>



EAC

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



cULus Recognized

Approval ID: E60425

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Classifications

ECLASS

ECLASS-11.0	27141190
ECLASS-13.0	27141190
ECLASS-12.0	27141190

ETIM

ETIM 9.0	EC002848
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

PSBJ-URTK 6 FARBLOS - Test plug strip

3026450

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



Test plug strip, number of positions: 1, color: transparent

PSBJ-URTK 6 RD - Test plug strip

3026719

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Test plug strip, number of positions: 1, color: red

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PSBJ-URTK 6 BU - Test plug strip

3026434

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Test plug strip, number of positions: 1, color: blue



PSBJ-URTK 6 YE - Test plug strip

3026405

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Test plug strip, number of positions: 1, color: yellow



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PSBJ-URTK 6 GN - Test plug strip

3026418

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Test plug strip, number of positions: 1, color: green

PSBJ-URTK 6 VT - Test plug strip

3026421

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Test plug strip, number of positions: 1, color: violet

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PSBJ-URTK 6 GY - Test plug strip

3026612

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Test plug strip, number of positions: 1, color: gray

PSBJ-URTK 6 BK - Test plug strip

3026447

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Test plug strip, number of positions: 1, color: black

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PSBJ-URTK 6 BN - Test plug strip

3026971

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Test plug strip, number of positions: 1, color: brown

PSBJ-URTK 6 WH - Test plug strip

3026448

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Test plug strip, number of positions: 1, color: white

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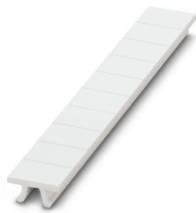
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ZB 8:UNBEDRUCKT - Zack marker strip

1052002

<https://www.phoenixcontact.com/us/products/1052002>

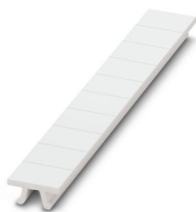


Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

ZB 8 CUS - Zack marker strip

0825011

<https://www.phoenixcontact.com/us/products/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 size: 10.5 x 8.15 mm, Number of individual labels: 10

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UC-TM 8 - Marker for terminal blocks

0818072

<https://www.phoenixcontact.com/us/products/0818072>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 56

UC-TM 8 CUS - Marker for terminal blocks

0824597

<https://www.phoenixcontact.com/us/products/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 size: 7.6 x 10.5 mm, Number of individual labels: 56

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UCT-TM 8 - Marker for terminal blocks

0828740

<https://www.phoenixcontact.com/us/products/0828740>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 7.6 x 10.5 mm, Number of individual labels: 42

UCT-TM 8 CUS - Marker for terminal blocks

0829616

<https://www.phoenixcontact.com/us/products/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 size: 7.6 x 10.5 mm, Number of individual labels: 42

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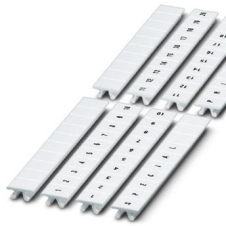
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ZB 8,LGS:FORTL.ZAHLEN - Zack marker strip

1052015

<https://www.phoenixcontact.com/us/products/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 91 ... 100, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 10. 5 x 8.15 mm, Number of individual labels: 10

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

1052028

<https://www.phoenixcontact.com/us/products/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: snapped, for terminal block width: 8.2 mm, lettering field size: 10. 5 x 8.15 mm, Number of individual labels: 10

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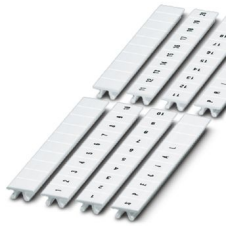
<https://www.phoenixcontact.com/us/products/3069475>



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

1052413

<https://www.phoenixcontact.com/us/products/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: snapped, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

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

0828295

<https://www.phoenixcontact.com/us/products/0828295>



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: snapped, snap into tall marker groove, for terminal block width: 30000 mm, lettering field size: 9.5 x 50000 mm, Number of individual labels: 1

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US-TM 100 - Marker for terminal blocks

0829255

<https://www.phoenixcontact.com/us/products/0829255>



Marker for terminal blocks, Card, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, lettering field size: 104 x 9.8 mm, Number of individual labels: 13

PTWE 6-2/B14 - Test terminal strip

3069440

<https://www.phoenixcontact.com/us/products/3069440>



Test terminal strip, VDE coded type B14, nom. voltage: 400 V, number of connections: 28, number of positions: 14, 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

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PTRE 6-2/B14 - Test terminal strip

3069453

<https://www.phoenixcontact.com/us/products/3069453>



Test terminal strip, VDE coded type B14, nom. voltage: 400 V, number of connections: 28, number of positions: 14, 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 35/15, color: gray

UTWE 6-2/B14 - Test terminal strip

3069414

<https://www.phoenixcontact.com/us/products/3069414>



Test terminal strip, VDE coded type B14, nom. voltage: 400 V, number of connections: 28, number of positions: 14, connection method: Screw connection, 1 level, Rated cross section: 6 mm², cross section: 0.2 mm² - 10 mm², mounting type: Wall mounting, color: gray

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UTRE 6-2/B14 - Test terminal strip

3069427

<https://www.phoenixcontact.com/us/products/3069427>



Test terminal strip, VDE coded type B14, nom. voltage: 400 V, number of connections: 28, number of positions: 14, 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 35/15, color: gray

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

3240032

<https://www.phoenixcontact.com/us/products/3240032>



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

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

3240037

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



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

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

3240016

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



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

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

3240021

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



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

FAME-BAG 260 - Shoulder bag

3069520

<https://www.phoenixcontact.com/us/products/3069520>



Shoulder bag, For FAME connectors with a width of up to 261 mm, depth: 115 mm, width: 290 mm, height: 220 mm, color: black

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FTP SCREW M3X4,5 - Screw

3069467

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



Screw, for attaching cable lugs to FAME test plugs, with cover, without test pick-off, height: 4.5 mm, color: silver/black

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