

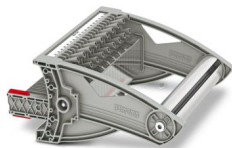
# FTP-2/G19 - Test plug



3069481  
<https://www.phoenixcontact.com/us/products/3069481>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Test plug, A detailed circuit diagram can be found under Miscellaneous Downloads, VDE coded type G19, nom. voltage: 400 V, nominal current: 24 A, Rated cross section: 2.5 mm<sup>2</sup>, color: gray



## Your advantages

- Space saving, thanks to offset test socket arrangement
- Cost-effective, thanks to the tailored, modular design and use of standardized CLIPLINE complete accessories
- Easy and time saving, thanks to functional grouping of switching operations
- Maximum safety with leading and automatic transformer short circuit
- 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<br/>

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 3069481                        |
| 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                                 | 4046356945905                  |
| Weight per piece (including packing) | 918.6 g                        |
| Weight per piece (excluding packing) | 918.6 g                        |
| Country of origin                    | PL                             |

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## Technical data

### Notes

|         |                                                                       |
|---------|-----------------------------------------------------------------------|
| General | A detailed circuit diagram can be found under Miscellaneous Downloads |
|---------|-----------------------------------------------------------------------|

### Product properties

|                     |                          |
|---------------------|--------------------------|
| Product type        | Test plug terminal block |
| Number of positions | 19                       |
| Pitch               | 8.2 mm                   |
| Number of rows      | 1                        |
| Potentials          | 19                       |

### Insulation characteristics

|                      |     |
|----------------------|-----|
| Overvoltage category | III |
|----------------------|-----|

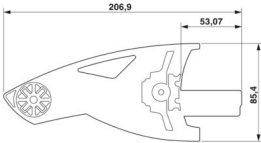
### Electrical properties

|                                                 |        |
|-------------------------------------------------|--------|
| 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 mm²                                                     |
| Test socket torque                      | 0.5                                                       |
| Note                                    | The conductor cross section depends on the cable lug used |
| Conductor cross section flexible        | 0.5 mm² ... 2.5 mm²                                       |
| 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 mm²                                                   |

### Dimensions

|                     |                                                                                      |
|---------------------|--------------------------------------------------------------------------------------|
| Dimensional drawing |  |
| Width               | 187.5 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 |
|-----------------|----|

## 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 |
|---------------|-------------------------|

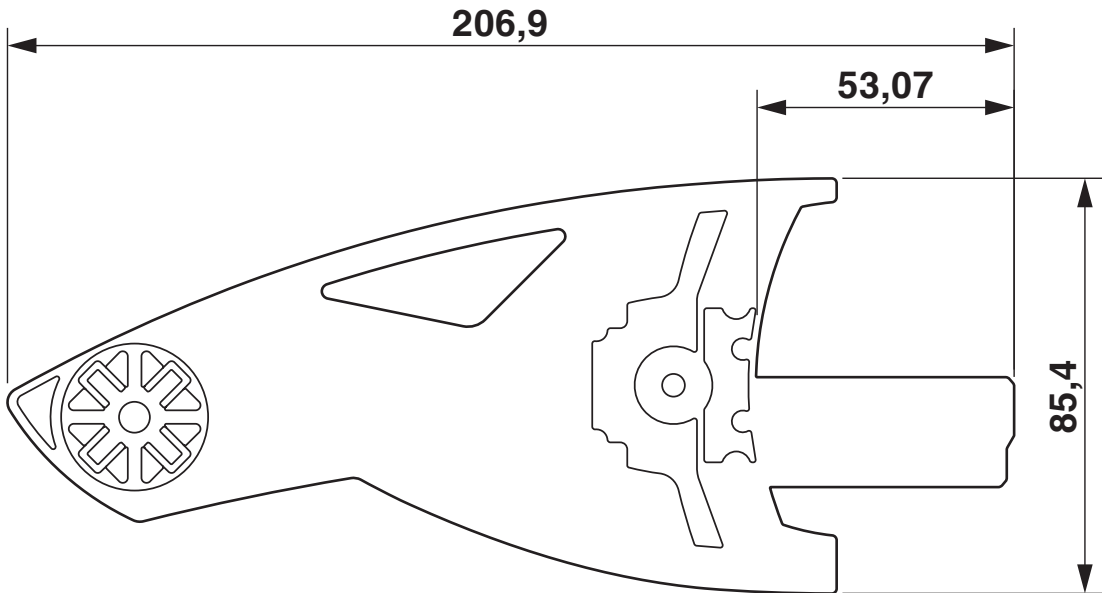
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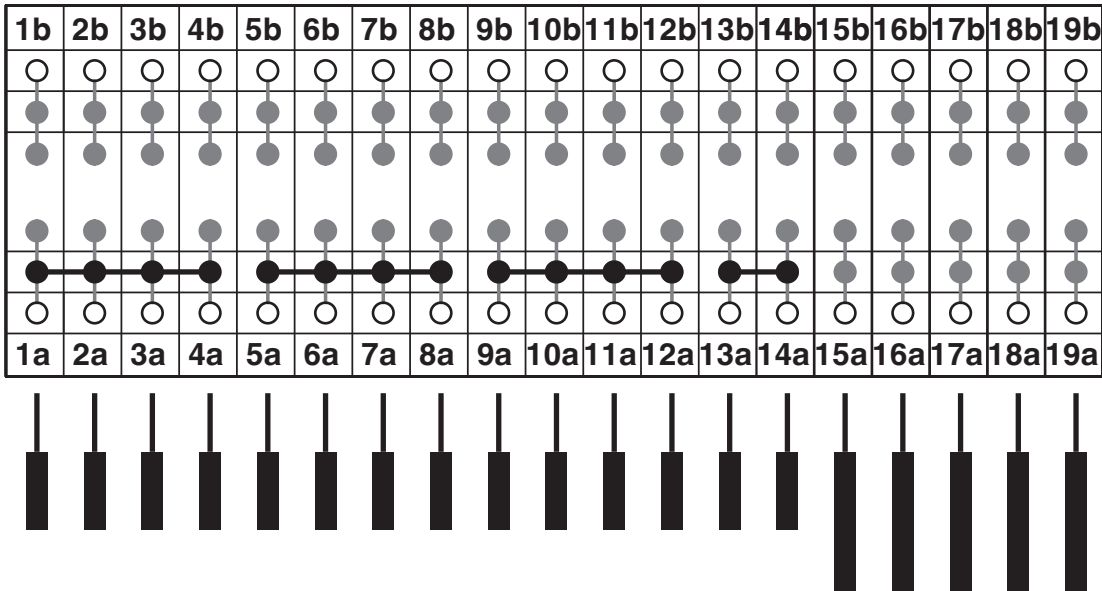


Drawings

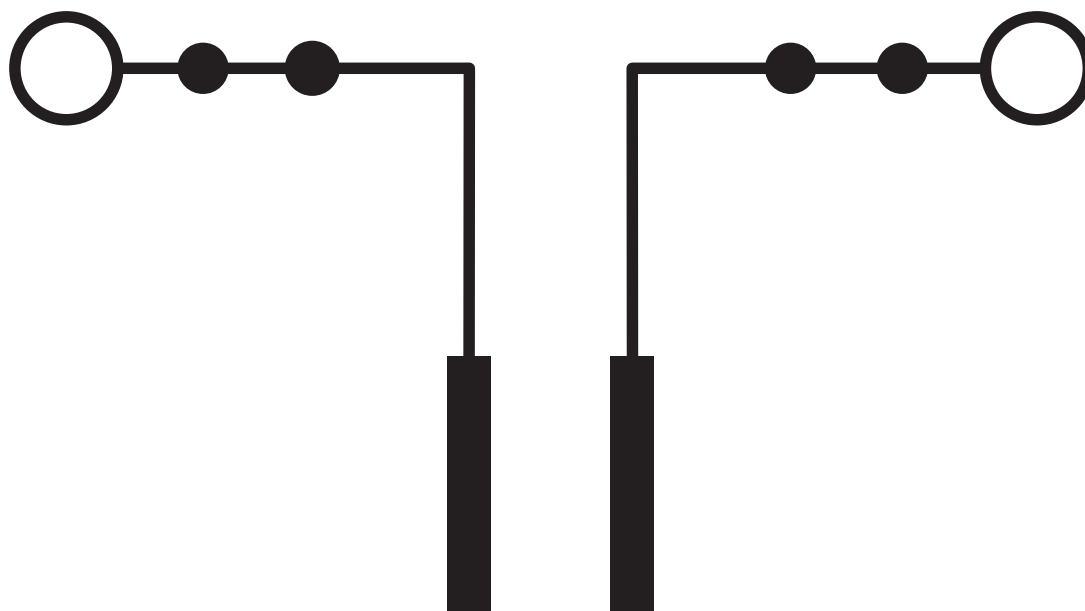
Dimensional drawing



Circuit diagram



Circuit diagram



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## Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3069481>



**EAC**

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



**cULus Recognized**

Approval ID: E60425

# FTP-2/G19 - Test plug



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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC002848 |
|----------|----------|

### 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

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### PSBJ-URTK 6 RD - Test plug strip

3026719

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



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

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## PSBJ-URTK 6 YE - Test plug strip

3026405

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



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

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## PSBJ-URTK 6 GN - Test plug strip

3026418

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



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

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## PSBJ-URTK 6 VT - Test plug strip

3026421

<https://www.phoenixcontact.com/us/products/3026421>



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

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## PSBJ-URTK 6 GY - Test plug strip

3026612

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



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

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## PSBJ-URTK 6 BK - Test plug strip

3026447

<https://www.phoenixcontact.com/us/products/3026447>



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

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## PSBJ-URTK 6 BN - Test plug strip

3026971

<https://www.phoenixcontact.com/us/products/3026971>



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

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## 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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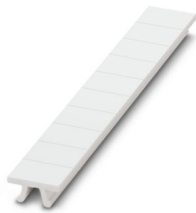
<https://www.phoenixcontact.com/us/products/3069481>



## ZB 8:UNBEDRUCKT - Zack marker strip

1052002

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



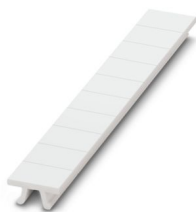
Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 10.5 x 8.15 mm, Number of individual labels: 10

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## 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

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## 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

## FTP-2/G19 - Test plug

3069481

<https://www.phoenixcontact.com/us/products/3069481>



## 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

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## 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



## FTP-2/G19 - Test plug

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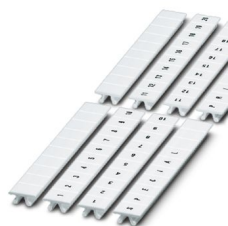
<https://www.phoenixcontact.com/us/products/3069481>



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

1052015

<https://www.phoenixcontact.com/us/products/1052015>



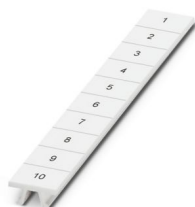
Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snapped, for terminal block width: 8.2 mm, lettering field size: 10. 5 x 8.15 mm, Number of individual labels: 10

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## 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

# FTP-2/G19 - Test plug

3069481

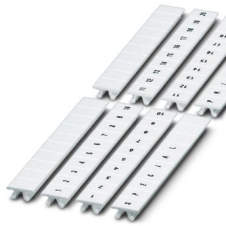
<https://www.phoenixcontact.com/us/products/3069481>



## 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

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## 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

## FTP-2/G19 - Test plug

3069481

<https://www.phoenixcontact.com/us/products/3069481>



## 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

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## PTWE 6-2/G19 - Test terminal strip

3069446

<https://www.phoenixcontact.com/us/products/3069446>



Test terminal strip, VDE coded type G19, nom. voltage: 400 V, number of connections: 38, number of positions: 19, connection method: Push-in connection, 1 level, Rated cross section: 6 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, mounting type: Wall mounting, color: gray

## FTP-2/G19 - Test plug

3069481

<https://www.phoenixcontact.com/us/products/3069481>



## PTRE 6-2/G19 - Test terminal strip

3069459

<https://www.phoenixcontact.com/us/products/3069459>



Test terminal strip, VDE coded type G19, nom. voltage: 400 V, number of connections: 38, number of positions: 19, connection method: Push-in connection, 1 level, Rated cross section: 6 mm<sup>2</sup>, cross section: 0.5 mm<sup>2</sup> - 10 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

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## UTWE 6-2/G19 - Test terminal strip

3069420

<https://www.phoenixcontact.com/us/products/3069420>



Test terminal strip, VDE coded type G19, nom. voltage: 400 V, number of connections: 38, number of positions: 19, connection method: Screw connection, 1 level, Rated cross section: 6 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, mounting type: Wall mounting, color: gray

## FTP-2/G19 - Test plug

3069481

<https://www.phoenixcontact.com/us/products/3069481>



## UTRE 6-2/G19 - Test terminal strip

3069433

<https://www.phoenixcontact.com/us/products/3069433>



Test terminal strip, VDE coded type G19, nom. voltage: 400 V, number of connections: 38, number of positions: 19, connection method: Screw connection, 1 level, Rated cross section: 6 mm<sup>2</sup>, cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: gray

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## 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 mm<sup>2</sup>, M3

## FTP-2/G19 - Test plug

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<https://www.phoenixcontact.com/us/products/3069481>



## 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 mm<sup>2</sup>, M3

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

3240016

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



Ring cable lug, red, 0.5 ... 1.5 mm<sup>2</sup>, M3

## FTP-2/G19 - Test plug

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<https://www.phoenixcontact.com/us/products/3069481>



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

3240021

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



Ring cable lug, blue, 1.5 ... 2.5 mm<sup>2</sup>, M3

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## 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

# FTP-2/G19 - Test plug

3069481

<https://www.phoenixcontact.com/us/products/3069481>



## 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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