


MSTBP 2,5/18-ST-5,08

Order No.: 1769175

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1769175>

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V,
Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface:
Sn

| Commercial data | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 034504 |
| Note | Made-to-order |
| sales group | E111 |
| Pack | 50 pcs. |
| Customs tariff | 85366990 |
| Catalog page information | Page 127 (CC-2005) |

Product notesWEEE/RoHS-compliant since:
01/01/2003

<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

| Technical data | |
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| Dimensions / positions | |
| Pitch | 5.08 mm |
| Dimension a | 86.36 mm |
| Number of positions | 18 |
| Screw thread | M3 |

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| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Technical data

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| Range of articles | MSTBP 2,5/...-ST |
| Insulating material group | I |
| Rated surge voltage (III/3) | 4 kV |
| Rated surge voltage (III/2) | 4 kV |
| Rated surge voltage (II/2) | 4 kV |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Nominal voltage U_N | 250 V |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 12 A (with 2.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class acc. to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 7 mm |
| Nominal voltage, UL/CUL Use Group B | 250 V |
| Nominal current, UL/CUL Use Group B | 12 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 10 A |

Connection data

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| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 2.5 mm ² |

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| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 1 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 1.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 1 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 12 |

Certificates / Approvals



Certification

CB, CSA, CUL, GOST, UL, VDE-PZI

Additional products

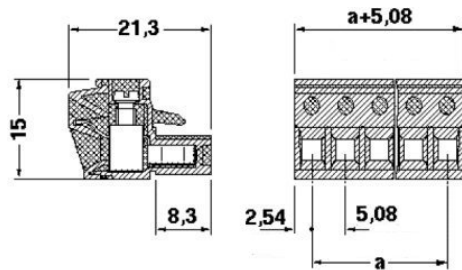
| Item | Designation | Description |
|----------------|----------------------|--|
| General | | |
| 1824007 | ICC 2,5/18-STZ-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Corresponding male crimp contacts with current [A] and conductor cross section range [mm ²] data: 10A/ICC-MT 0,5-1,0 (3190577); 10A/ICC-MT 0,5-1,0 BA (3190603); 12A/ICC-MT 1,5-2,5 (3190580); 12A/ICC-MT 1,5-2,5 BA (3190593). BA = Bandkontakte |
| 1788884 | MSTBVK 2,5/18-G-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: DIN rail |

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| 1788693 | MVSTBU 2,5/18-GB-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Direct mounting |
| 1769625 | SMSTB 2,5/18-G-5,08 | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: Soldering |
| 3002034 | UK 3-MSTB-5,08 | Feed-through modular terminal block, Type of connection: Special and hybrid connection, Screw connection, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 5.08 mm, Color: gray, Mounting type: NS 32, NS 35/15, NS 35/7.5 |
| 3002076 | UK 3-MVSTB-5,08 | Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross-section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 32, NS 35/15, NS 35/7.5, Pitch: 5.08 mm, Width: 5.1, Color: gray |
| 3002102 | UK 3-MVSTB-5,08-LA 24RD | Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross-section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 32, NS 35/15, NS 35/7.5, Pitch: 5.08 mm, Width: 5.08, Color: gray |
| 3002063 | UK 3-MVSTB-5,08/EK | Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross-section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 35/7.5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.1, Color: blue |
| 3002131 | UK 3D-MSTBV-5,08 | Feed-through modular terminal block, Type of connection: Special and hybrid connection, Screw connection, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 5.08 mm, Color: gray, Mounting type: NS 32, NS 35/15, NS 35/7.5 |
| 3002144 | UK 3D-MSTBV-5,08-LA 24RD | Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Number of positions: 1, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 5.1 mm, Color: gray, Mounting type: NS 32, NS 35/15, NS 35/7.5 |
| 3002173 | UK 3D-MSTBV-5,08/EK | Feed-through modular terminal block, Type of connection: Screw connection, Screw connection, Cross section: 0.2 mm ² - 4 mm ² , AWG 24 - 12, Width: 5.1 mm, Color: blue, Mounting type: NS 32, NS 35/15, NS 35/7.5 |
| 2770888 | UKK 3-MSTB-5,08 | Double-level modular terminal block with COMBICON plug-in zone, nominal current: 12 A, nominal voltage: 250 V, cross section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, mounting type: NS 35/7.5, NS 35/15, NS 32, pitch: 5.08 mm, width: 5.08, color: gray |
| 1876615 | UKK 3-MSTB-5,08-PE | Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 320 V, Cross-section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 35/7.5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.08, Color: green-yellow |
| 2770846 | UKK 3-MSTBVH-5,08 | Feed-through modular terminal block, Nominal current: 12 A, Nominal voltage: 250 V, Cross-section: 0.2 mm ² - 4 mm ² , AWG: 24 - 12, Mounting type: NS 35/7.5, NS 35/15, NS 32, Pitch: 5.08 mm, Width: 5.08, Color: gray |
| 1788279 | UMSTBVK 2,5/18-G-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 18, Pitch: 5.08 mm, Color: green, Metal surface: Sn, Assembly: DIN rail |

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| 1873016 | ZFKK 1,5-MSTBV-5,08 | Feed-through modular terminal block, Connection method: Special and hybrid connection, MSTB plug entry, Cross section: 0.2 mm ² - 2.5 mm ² , Width: 5.1 mm, Color: gray |
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Diagrams/Drawings

Dimensioned drawing



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