

MSTBA 2,5/ 6-G-5,08


Order No.: 1757284

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.co.uk/phoenix/treeViewClick.do?UID=1757284>

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

Commercial data

| | |
|--------------------------|--|
| EAN |  4 017918 029814 |
| Pack | 100 |
| Customs tariff | 85366990 |
| Gross weight in pieces | 2.10 g |
| Country of Origin | DE |
| Catalog page information | Page 313 (CAT-1-2013) |

Product notes

WEEE/RoHS-compliant since:
01/01/2003



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 at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

Dimensions

| | |
|----------------|----------|
| Length | 12 mm |
| Pitch | 5.08 mm |
| Dimension a | 25.4 mm |
| Pin dimensions | 1 x 1 mm |
| Hole diameter | 1.4 mm |

General

| | |
|---|----------------|
| Range of articles | MSTBA 2,5/..-G |
| 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/3) | 250 V |
| Rated voltage (III/2) | 320 V |
| Rated voltage (II/2) | 400 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 12 A |
| Maximum load current | 12 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Color | green |
| Nominal voltage, UL/CUL Use Group B | 300 V |
| Nominal current, UL/CUL Use Group B | 15 A |
| Nominal voltage, UL/CUL Use Group D | 300 V |
| Nominal current, UL/CUL Use Group D | 15 A |
| Number of positions | 6 |

Certificates



Certification

CSA, cULus Recognized, GOST, VDE Gutachten mit
 Fertigungsüberwachung, CCA, IECCE CB Scheme

Certifications applied for:

Certification Ex:

Accessories

| Item | Designation | Description |
|-----------------|-------------|--|
| Assembly | | |
| 1755477 | MSTB-BL | Keying cap, for forming sections, plugs onto header pin, green insulating material |

| Marking | | |
|----------------|--------------------------|--|
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
| 0804293 | SK 5,08/3,8:FORTL.ZAHLEN | Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5.08 mm |
| 0805085 | SK 5,08/3,8:SO | Marker cards, white, Mounting type: Adhesive, For terminal block width: 5.08 mm |
| 0805412 | SK 5,08/3,8:UNBEDRUCKT | Marker cards, Card, white, Unlabeled, Can be labeled with: Marker pen, Mounting type: Adhesive, For terminal block width: 5.08 mm |

| Plug/Adapter | | |
|---------------------|---------|--|
| 1734401 | CR-MSTB | Coding section, inserted into the recess in the header or the inverted plug, red insulating material |

Additional products

| Item | Designation | Description |
|----------------|----------------------|---|
| General | | |
| 1872732 | A-ICV 2,5/ 6-G-5,08 | Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 6, Pitch: 5.08 mm, Color: green |
| 1873090 | FKC 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin |
| 1902152 | FKCT 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin |
| 1873993 | FKCVR 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin |
| 1873692 | FKCVW 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin |

| | | |
|---------|---------------------------|---|
| 1777329 | FRONT-MSTB 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin |
| 1786446 | IC 2,5/ 6-G-5,08 | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering |
| 1785984 | ICV 2,5/ 6-G-5,08 | Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering |
| 1757051 | MSTB 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin |
| 1776126 | MSTB 2,5/ 6-STZ-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin |
| 1808858 | MSTBC 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte |
| 1809543 | MSTBC 2,5/ 6-STZ-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm ²] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte |
| 1769052 | MSTBP 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin |
| 1781027 | MSTBT 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin |
| 1824395 | MSTBU 2,5/ 6-ST-5,08-FL | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: Direct mounting |
| 1824162 | MSTBU 2,5/ 6-STD-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: Direct mounting |
| 1831359 | MSTBVK 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail |

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| 1792281 | MVSTBR 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin |
| 1792799 | MVSTBW 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin |
| 1883297 | QC 1/ 6-ST-5,08 | Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin |
| 1826322 | SMSTB 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin |
| 1853052 | TMSTBP 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module. |
| 1833852 | UMSTBVK 2,5/ 6-ST-5,08 | Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 6, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: DIN rail |

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