

## MDSTBV 2,5/ 3-G-5,08

Order No.: 1763087

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1763087>

Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5.08 mm,  
Number of positions: 3, Color: green, Assembly: Soldering

### Commercial data

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918031640      |
| Pack                     | 50 pcs.            |
| Customs tariff           | 85366990           |
| Weight/Piece             | 0.00479 KG         |
| Catalog page information | Page 262 (CC-2009) |

### Product notes

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



<http://www.download.phoenixcontact.com>  
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### Technical data

#### Dimensions / positions

|                     |          |
|---------------------|----------|
| Pitch               | 5.08 mm  |
| Dimension a         | 10.16 mm |
| Number of positions | 3        |
| Pin dimensions      | 1 x 1 mm |
| Hole diameter       | 1.4 mm   |

#### Technical data

|                                    |        |
|------------------------------------|--------|
| 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)               | 400 V  |
| Connection in acc. with standard   | EN-VDE |
| Nominal current $I_N$              | 10 A   |
| Nominal voltage $U_N$              | 250 V  |
| Maximum load current               | 10 A   |
| Insulating material                | PBT    |
| Inflammability class acc. to UL 94 | V0     |

#### Certificates / Approvals



Certification

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

#### CSA

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

#### CUL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

#### UL

|                       |       |
|-----------------------|-------|
| Nominal voltage $U_N$ | 300 V |
| Nominal current $I_N$ | 10 A  |

#### Accessories

| Item                | Designation              | Description                                                                                                                                         |
|---------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Assembly</b>     |                          |                                                                                                                                                     |
| 1786679             | MDSTB-SE                 | Side element, for lateral sealing of MSTB headers, 2.54 mm thick, color: green                                                                      |
| 1755477             | MSTB-BL                  | Keying cap, for forming sections, plugs onto header pin, green insulating material                                                                  |
| <b>General</b>      |                          |                                                                                                                                                     |
| 1836477             | MDSTBV 2,5/ 2-GFL-5,08   | Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2                                                          |
| 1836480             | MDSTBV 2,5/ 2-GFR-5,08   | Header, Nominal current: 10 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 2                                                          |
| <b>Marking</b>      |                          |                                                                                                                                                     |
| 0804293             | SK 5,08/3,8:FORTL.ZAHLEN | Marker card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks |
| <b>Plug/Adapter</b> |                          |                                                                                                                                                     |
| 1734401             | CR-MSTB                  | Coding section, inserted into the recess in the header or the inverted plug, red insulating material                                                |

#### Additional products

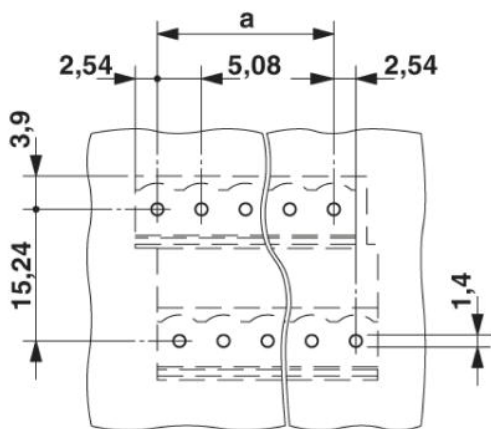
| Item           | Designation          | Description                                                                                                                                          |
|----------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b> |                      |                                                                                                                                                      |
| 1872703        | A-ICV 2,5/ 3-G-5,08  | Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 3, Pitch: 5.08 mm, Color: green    |
| 1873061        | FKC 2,5/ 3-ST-5,08   | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1873210        | FKC 2,5/ 3-STF-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1902123        | FKCT 2,5/ 3-ST-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1902314        | FKCT 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |

|         |                            |                                                                                                                                                      |
|---------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1873964 | FKCVR 2,5/ 3-ST-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn.               |
| 1874112 | FKCVR 2,5/ 3-STF-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1873663 | FKCVW 2,5/ 3-ST-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn.               |
| 1873812 | FKCVW 2,5/ 3-STF-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Spring-cage conn., Color: green |
| 1777293 | FRONT-MSTB 2,5/ 3-ST-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green  |
| 1777811 | FRONT-MSTB 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green  |
| 1786417 | IC 2,5/ 3-G-5,08           | Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 3, Assembly: Soldering                                      |
| 1785955 | ICV 2,5/ 3-G-5,08          | Header, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 3, Color: green, Assembly: Soldering                        |
| 1757022 | MSTB 2,5/ 3-ST-5,08        | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green  |
| 1777992 | MSTB 2,5/ 3-STF-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green  |
| 1776168 | MSTB 2,5/ 3-STZ-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green  |
| 1808829 | MSTBC 2,5/ 3-ST-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Crimp connection, Color: green  |
| 1809514 | MSTBC 2,5/ 3-STZ-5,08      | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Crimp connection                |
| 1809747 | MSTBC 2,5/ 3-STZF-5,08     | Plug component, Nominal current: 12 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Crimp connection, Color: green  |
| 1769023 | MSTBP 2,5/ 3-ST-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green  |
| 1779990 | MSTBT 2,5/ 3-ST-5,08       | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green  |

|         |                        |                                                                                                                                                                               |
|---------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1805314 | MSTBT 2,5/ 3-STF-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green                           |
| 1792252 | MVSTBR 2,5/ 3-ST-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green                           |
| 1835106 | MVSTBR 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green                           |
| 1792760 | MVSTBW 2,5/ 3-ST-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green                           |
| 1834916 | MVSTBW 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green                           |
| 1883268 | QC 1/ 3-ST-5,08        | Plug component, Nominal current: 10 A, Nom. voltage: 500 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Insulation displacement connection QUICKON, Color: green |
| 1883365 | QC 1/ 3-STF-5,08       | Plug component, Nominal current: 10 A, Nom. voltage: 500 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Insulation displacement connection QUICKON, Color: green |
| 1826296 | SMSTB 2,5/ 3-ST-5,08   | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green                           |
| 1853023 | TMSTBP 2,5/ 3-ST-5,08  | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green                           |
| 1853117 | TMSTBP 2,5/ 3-STF-5,08 | Plug component, Nominal current: 12 A, Nom. voltage: 250 V, Pitch: 5.08 mm, Number of positions: 3, Connection type: Screw connection, Color: green                           |

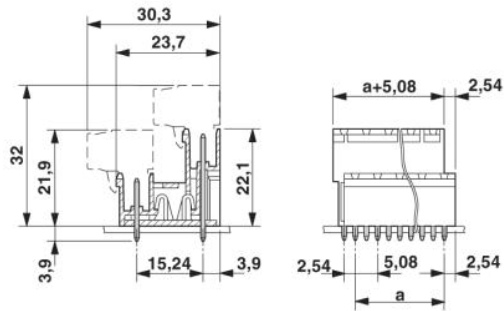
#### Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing

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