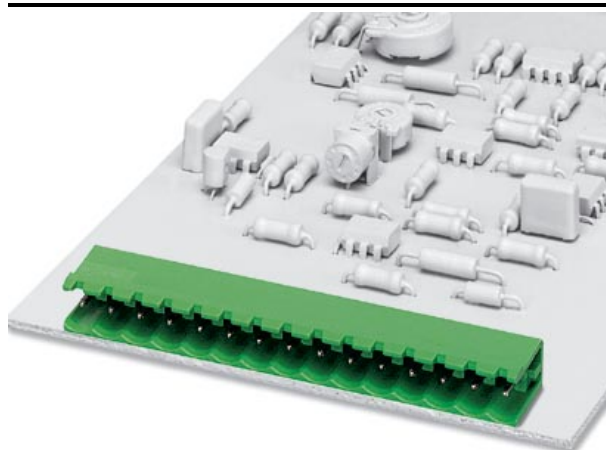


Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

## ▶ Extract from the online catalog



Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering

The illustration shows a 15-position version

|                          |                    |
|--------------------------|--------------------|
| Order No.                | 1759046            |
| Ord designation          | MSTB 2,5/ 5-G-5,08 |
| EAN                      | 4017918030513      |
| Pack                     | 50 Pcs.            |
| Customs tariff           | 85369010           |
| Catalog page information | Page 166 (CC-2005) |

## ▶ Technical data

### Dimensions / positions

|                     |          |
|---------------------|----------|
| Pitch               | 5.08 mm  |
| Dimension a         | 20.32 mm |
| Number of positions | 5        |
| Pin dimensions      | 1 x 1 mm |
| Hole diameter       | 1.4 mm   |

**Technical data**

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|                                    |        |
|------------------------------------|--------|
| Insulating material group          | IIIa   |
| 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 $I_N$              | 12 A   |
| Nominal voltage $U_N$              | 250 V  |
| Maximum load current               | 12 A   |
| Insulating material                | PBT    |
| Inflammability class acc. to UL 94 | V0     |

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## ► Certificates

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### Certificate logos



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#### UL

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

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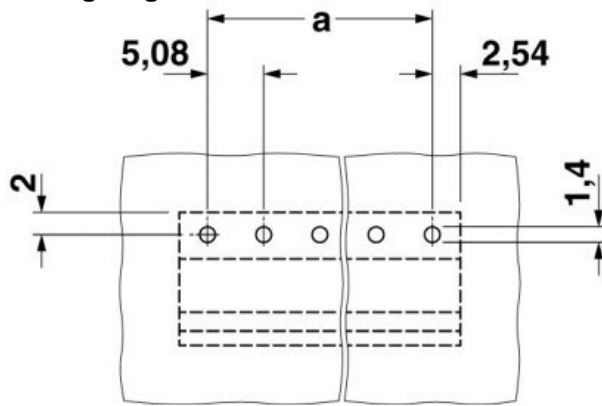
#### CSA

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

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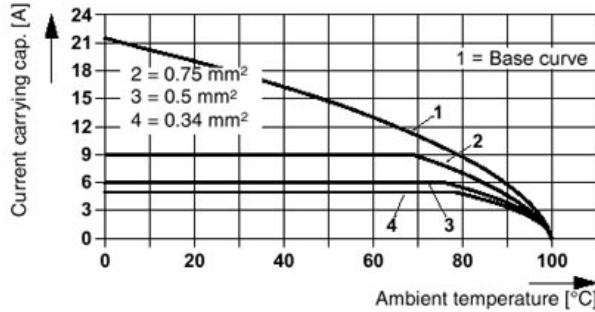
## ▶ Drawings

Drilling diagram

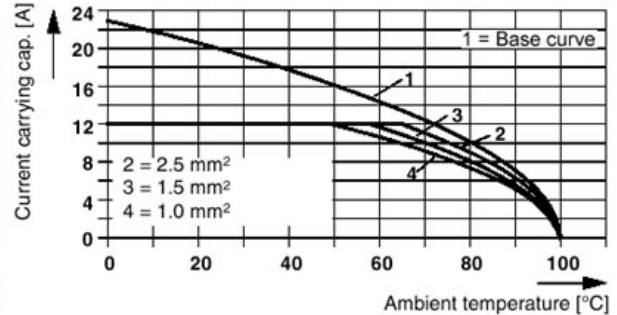


Diagram

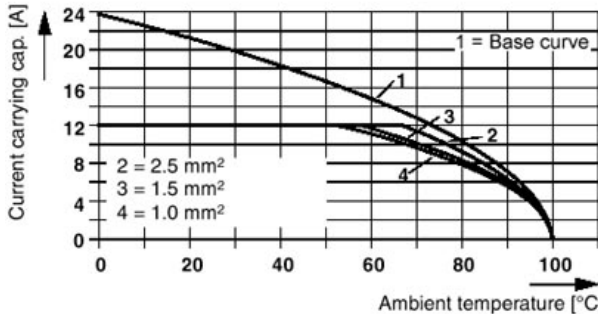
Plug: QC 0,75/5-ST(F)-5,08  
Header: MSTB(A) 2,5/5-G(F)-5,08



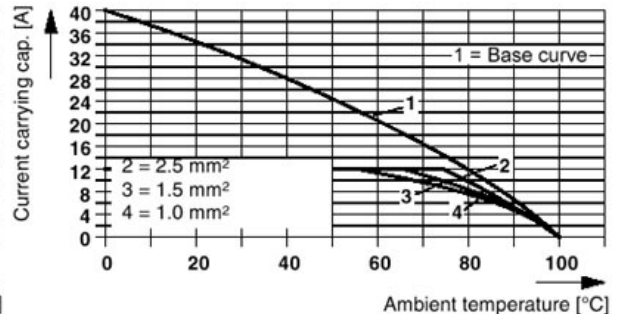
Plug: MSTBT 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



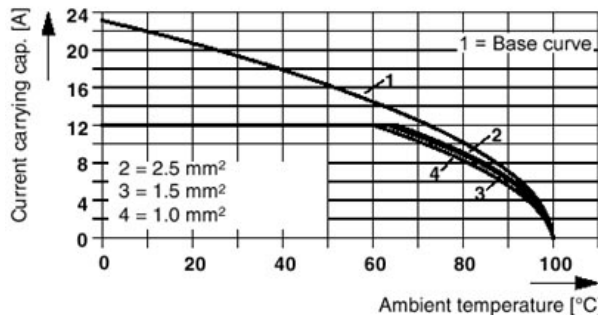
Plug: SMSTB 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



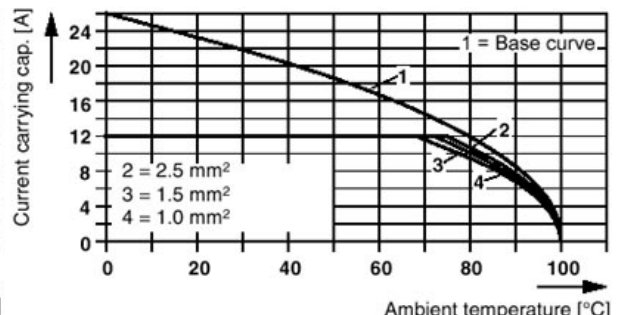
Plug: MVSTBR(W) 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



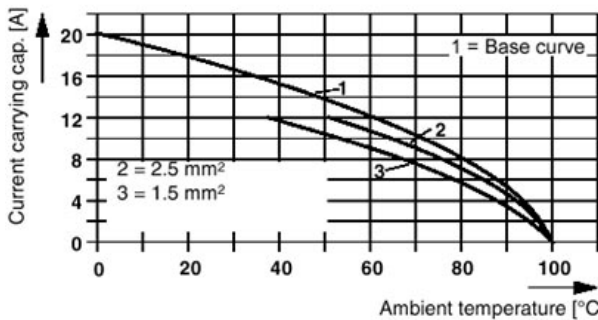
Plug: FRONT-MSTB 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



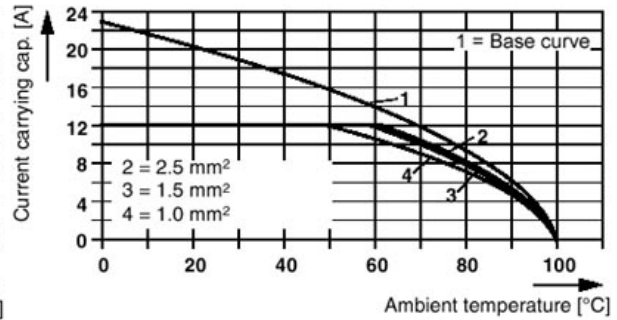
Plug: TMSTBP 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



Plug: FKC 2,5/5-ST(F)-5,08  
Header: MSTB(A) 2,5/5-G(F)-5,08



Plug: FKCVR(W) 2,5/5-ST(F)-5,08  
Header: MSTB(A) 2,5/5-G(F)-5,08

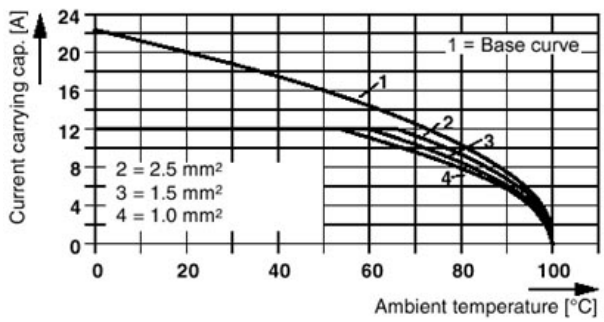
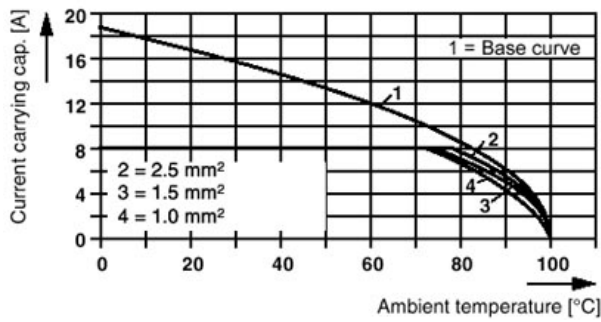


# MSTB 2,5/ 5-G-5,08

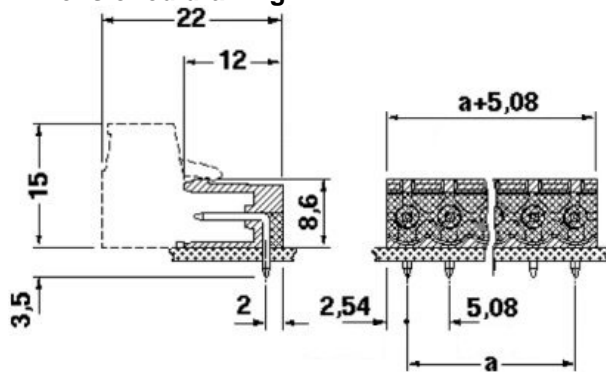


Plug: MSTB 2,5/5-ST(F)(-5,08)  
Header: MSTBO 2,5/5-GR(L)(-5,08)

Plug: MSTB 2,5/5-ST(F)(-5,08)  
Header: MSTB(A) 2,5/5-G(F)(-5,08)



## Dimensioned drawing



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## ► Accessories

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| Item                | Designation              | Description   |
|---------------------|--------------------------|---|
| <b>Assembly</b>     |                          |   |
| 1759981             | MSTB-BF                  | Mounting flange, for fixing both ends of the header onto the PCB, green insulating material, with M 2 x 14 screws and nuts.                         |
| 1755477             | MSTB-BL                  | Keying cap, for forming sections, plugs onto header pin, green insulating material  |
| <b>Marking</b>      |                          |   |
| 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 card, printed horizontally, self-adhesive, 12 identical decades marked 1-10, 11-20 etc. up to 91-(99)100, sufficient for 120 terminal blocks |
| 0805085             | SK 5,08/3,8:SO           | Marker card, self-adhesive, marking according to customer requirements  |
| 0805412             | SK 5,08/3,8:UNBEDRUCKT   | Marker cards, unprinted, with pitch divisions, self-adhesive, 10-section marker strips, 12 strips per card, can be labeled with M-PEN               |
| <b>Plug/Adapter</b> |                          |   |
| 1734401             | CR-MSTB                  | Coding element, inserted into the recess in the header or the inverted plug, red insulating material  |

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► **Additional products**

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| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|



**General**

|         |                           |  |
|---------|---------------------------|--|
| 1872729 | A-ICV 2,5/ 5-G-5,08       | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Mounting rail  |
| 1873087 | FKC 2,5/ 5-ST-5,08        | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection               |
| 1902149 | FKCT 2,5/ 5-ST-5,08       | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection               |
| 1873980 | FKCVR 2,5/ 5-ST-5,08      | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection               |
| 1873689 | FKCVW 2,5/ 5-ST-5,08      | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Spring-cage connection               |
| 1777316 | FRONT-MSTB 2,5/ 5-ST-5,08 | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Screw connection                     |
| 1786433 | IC 2,5/ 5-G-5,08          | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering  |
| 1785971 | ICV 2,5/ 5-G-5,08         | Header, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, mounting: Soldering  |
| 1757048 | MSTB 2,5/ 5-ST-5,08       | Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection                               |
| 1776142 | MSTB 2,5/ 5-STZ-5,08      | Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection                               |
| 1808845 | MSTBC 2,5/ 5-ST-5,08      | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Crimp connection                     |
| 1809530 | MSTBC 2,5/ 5-STZ-5,08     | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Crimp connection                     |
| 1769049 | MSTBP 2,5/ 5-ST-5,08      | Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection                               |
| 1781014 | MSTBT 2,5/ 5-ST-5,08      | Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection                               |
| 1824382 | MSTBU 2,5/ 5-ST-5,08-FL   | Plug with T-shape and screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: screw connection |
| 1824159 | MSTBU 2,5/ 5-STD-5,08     | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Screw connection                     |
| 1831346 | MSTBVK 2,5/ 5-ST-5,08     | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Screw connection                     |
| 1792278 | MVSTBR 2,5/ 5-ST-5,08     | Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection                               |
| 1792786 | MVSTBW 2,5/ 5-ST-5,08     | Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection                               |
| 1917930 | QC 0,75/ 5-ST-5,08        | Plug components, 5.08 mm pitch, color: green, no. of positions 5, dimension a 20.32 mm   |

## MSTB 2,5/ 5-G-5,08



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|         |                        |  |
|---------|------------------------|--|
| 1883284 | QC 1/ 5-ST-5,08        | Plug component, nominal current: 10 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Insulation displacement connection QUICKON |
| 1826319 | SMSTB 2,5/ 5-ST-5,08   | Plug, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection                                     |
| 1853049 | TMSTBP 2,5/ 5-ST-5,08  | Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5,08 mm, no. of positions: 5, type of connection: Screw connection                   |
| 1833849 | UMSTBVK 2,5/ 5-ST-5,08 | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 5, type of connection: Screw connection                           |

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## ► Address

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