

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: 320 V,  
pitch: 5.08 mm, no. of positions: 16, mounting: Direct  
mounting

The figure shows a 10-position version of the product

|                          |                         |
|--------------------------|-------------------------|
| Order No.                | 0710316                 |
| Ord designation          | DFK-MSTB 2,5/16-GF-5,08 |
| EAN                      | 4017918005344           |
| Pack                     | 50 Pcs.                 |
| Customs tariff           | 85366990                |
| Weight/Piece             | 0.01569 KG              |
| Catalog page information | Page 253 (CC-2007)      |

## ► Product notes

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



**IMPORTANT :** This date is valid for Customers in Germany only. Date Format is MM/DD/YYYY. Please contact your local in-country Phoenix Contact location or designated business partner for a Logistics Compliant date in your area. In order to guarantee delivery of RoHS-Compliant product, please purchase Phoenix Contact parts from authorized Phoenix Contact representatives and distributors.

DFK-MSTB 2,5/16-GF-5,08



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▶ **Technical data**

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**Dimensions / positions**

|                     |         |
|---------------------|---------|
| Pitch               | 5.08 mm |
| Dimension a         | 76.2 mm |
| Number of positions | 16      |

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**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)               | 630 V               |
| Connection in acc. with standard   | EN-VDE              |
| Nominal current $I_N$              | 12 A                |
| Nominal voltage $U_N$              | 320 V               |
| Nominal cross section              | 2.5 mm <sup>2</sup> |
| Maximum load current               | 12 A                |
| Insulating material                | PA                  |
| Inflammability class acc. to UL 94 | V2                  |
| Max. current slip-on connection    | 8 A                 |
| Dimensions of slip-on connection   | 2.8 x 0.8 mm        |

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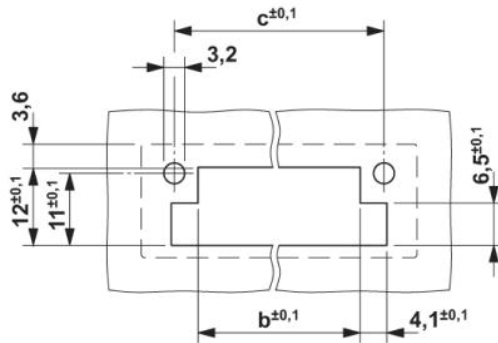
**Connection data**

|  |                     |
|--|---------------------|
| Conductor cross section solid min.     | 0.2 mm <sup>2</sup> |
| Conductor cross section solid max.     | 2.5 mm <sup>2</sup> |
| Conductor cross section stranded min.  | 0.2 mm <sup>2</sup> |
| Conductor cross section stranded max.  | 2.5 mm <sup>2</sup> |
| Conductor cross section AWG/kcmil min. | 24                  |
| Conductor cross section AWG/kcmil max. | 12                  |

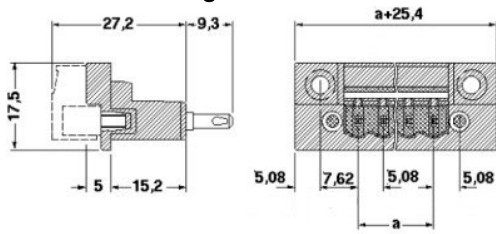
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## ► Drawings

### Drilling diagram



### Dimensioned drawing



## ► Additional products

| Item           | Designation                | Description   |
|----------------|----------------------------|---|
| <b>General</b> |                            |   |
| 1873346        | FKC 2,5/16-STF-5,08        | Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Spring-cage connection       |
| 1902440        | FKCT 2,5/16-STF-5,08       | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Spring-cage connection               |
| 1874248        | FKCVR 2,5/16-STF-5,08      | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Spring-cage connection               |
| 1873948        | FKCVW 2,5/16-STF-5,08      | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Spring-cage connection               |
| 1777934        | FRONT-MSTB 2,5/16-STF-5,08 | Plug with screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, number of positions: 16, connection method: screw connection           |
| 1778124        | MSTB 2,5/16-STF-5,08       | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection                     |
| 1809873        | MSTBC 2,5/16-STZF-5,08     | Plug component, nominal current: 12 A, rated voltage: 320 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Crimp connection                     |
| 1805437        | MSTBT 2,5/16-STF-5,08      | Plug with T-shape and screw flange, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection |
| 1835232        | MVSTBR 2,5/16-STF-5,08     | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection                     |
| 1835041        | MVSTBW 2,5/16-STF-5,08     | Plug component, nominal current: 12 A, rated voltage: 250 V, pitch: 5.08 mm, no. of positions: 16, type of connection: Screw connection                     |
| 1918230        | QC 0,75/16-STF-5,08        | Plug components, 5.08 mm pitch, color: green, no. of positions 16, dimension a 76.20 mm   |
| 1883899        | QC 1/16-STF-5,08           | Plug, nominal current: 10 A, rated voltage: 500 V, pitch: 5.08 mm, number of positions: 16, connection method: Insulation displacement connection QUICKON   |

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## ► Address

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