

https://www.phoenixcontact.com/cn/products/2200482



Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP BK - 2200482

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

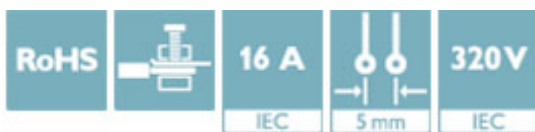


Plug component, Nominal current: 16 A, Rated voltage (III/2): 320 V, Number of positions: 4, Pitch: 5 mm, Connection method: Screw connection


The illustration shows the gray version

Why buy this product

- Headers and plugs for ME and ME MAX electronics housing
- 2 to 4-pos.
- 5 mm pitch
- Plug-in direction orthogonal to the PCB
- Touch proof
-



Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 50 STK |
| Minimum order quantity | 50 STK |
| GTIN |  4 046356 659406 |
| GTIN | 4046356659406 |
| Sales Key | ACHADB |

Technical data

Dimensions

| | |
|-------------|-------|
| Pitch | 5 mm |
| Dimension a | 15 mm |

General

| | |
|---------------------------|----------------------|
| Range of articles | MSTBT 2,5 HC/...-STP |
| Number of positions | 4 |
| Connection method | Screw connection |
| Insulating material group | I |

<https://www.phoenixcontact.com/cn/products/2200482>

Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP BK - 2200482

Technical data

General

| | |
|--|---|
| 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) | 630 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 16 A |
| Nominal cross section | 2.5 mm ² |
| Maximum load current | 16 A (with a 2.5 mm ² conductor cross section) |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Internal cylindrical gage | A3 |
| Stripping length | 7 mm |
| Screw thread | M3 |
| Tightening torque, min | 0.5 Nm |
| Tightening torque max | 0.6 Nm |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 2.5 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 2.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 2.5 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG 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 |

<https://www.phoenixcontact.com/cn/products/2200482>



Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP BK - 2200482

Technical data

Connection data

| | |
|---------------------------------|----|
| Maximum AWG according to UL/CUL | 12 |
|---------------------------------|----|

Standards and Regulations

| | |
|--|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |
| Flammability rating according to UL 94 | V0 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Approvals


Approvals


Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

| | | | |
|--------------------------------|---|---|--------------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | D | |
| mm ² /AWG/kcmil | 30-12 | 30-12 | |
| Nominal current I _N | 16 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |

| | | | |
|--------------------------------|---|---|--------------|
| cUL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | FILE E 60425 |
| | B | D | |
| mm ² /AWG/kcmil | 30-12 | 30-12 | |
| Nominal current I _N | 16 A | 10 A | |
| Nominal voltage U _N | 300 V | 300 V | |


<https://www.phoenixcontact.com/cn/products/2200482>



Printed-circuit board connector - MSTBT 2,5 HC/ 4-STP BK - 2200482

Approvals

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

| | | |
|------------------|---|---|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm |
|------------------|---|---|

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>