

Printed-circuit board connector - MSTB 2,5 HC/14-STF-5,08 - 1937156

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PCB connector, nominal current: 16 A, number of positions: 14, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin




The figure shows a 10-position version of the product

Your advantages

- ✓ Well-known connection principle allows worldwide use
- ✓ Low temperature rise, thanks to maximum contact force
- ✓ Allows connection of two conductors
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations
- ✓ Screwable flange for superior mechanical stability



Key Commercial Data

| | |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 50 pc |
| GTIN |  4 017918 731168 |
| GTIN | 4017918731168 |

Technical data

Dimensions

| | |
|--------------|----------|
| Length [l] | 18.2 mm |
| Width [w] | 80.52 mm |
| Height [h] | 15 mm |
| Pitch | 5.08 mm |
| Dimension a | 66.04 mm |

General

| | |
|-----------------------|--------------------------------------|
| Range of articles | MSTB 2,5 HC/...STF |
| Number of positions | 14 |
| Connection method | Screw connection with tension sleeve |
| Rated voltage (III/3) | 250 V |

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Technical data

General

| | |
|----------------------------------|---------------------|
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 16 A |
| Nominal cross section | 2.5 mm ² |

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

Standards and Regulations

| | |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
| | CUL |

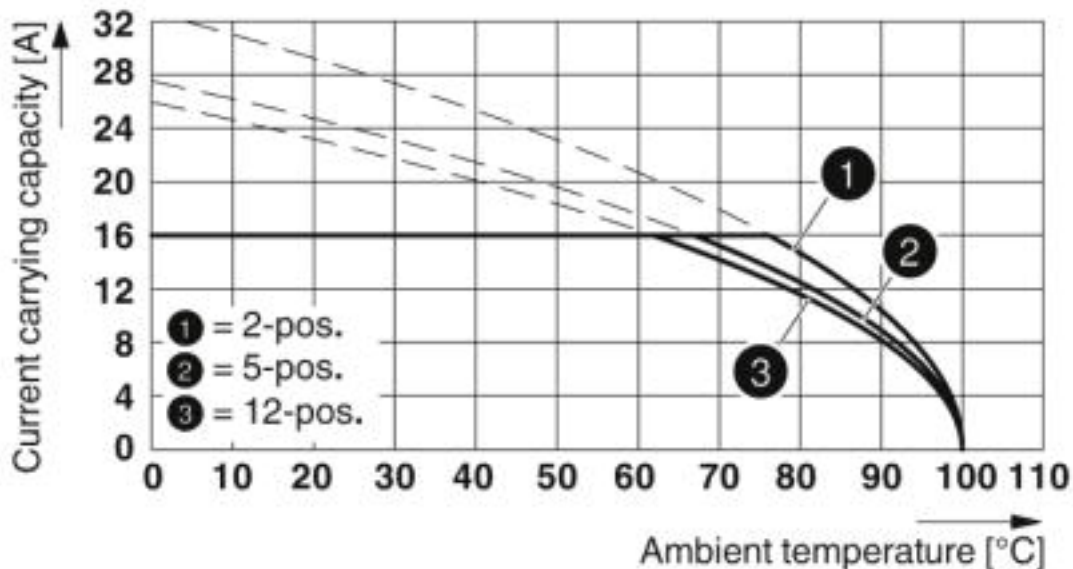
Environmental Product Compliance

| | |
|------------|-----------------------------------------------------------------------------------------------------|
| | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

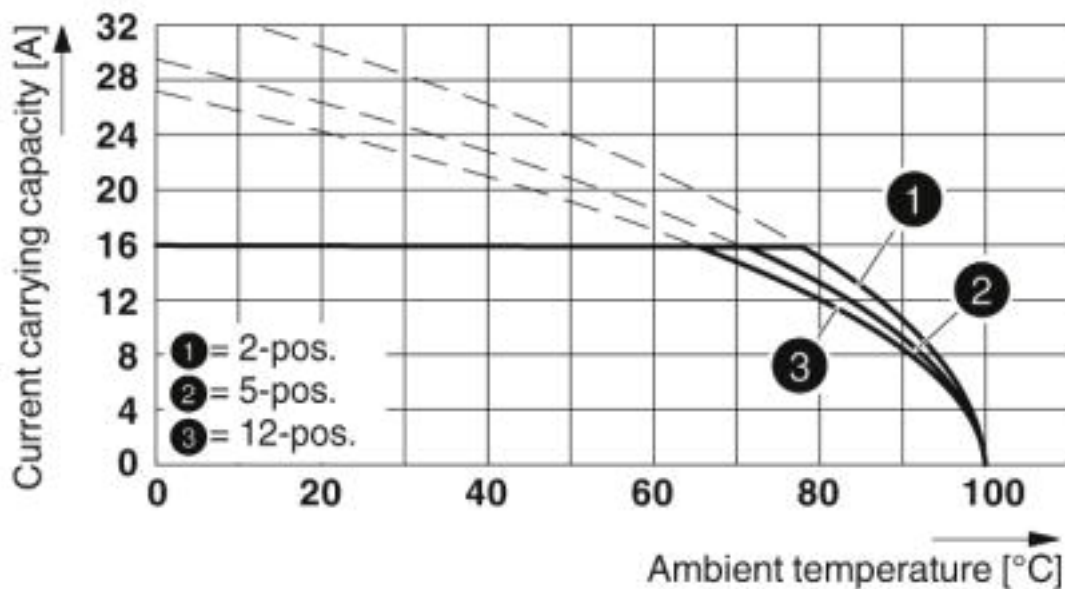
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Diagram



Derating curve for: MSTB 2,5 HC/...-ST with MSTBA 2,5 HC/...-G

Diagram



Derating curve for: MSTB 2,5 HC/...-ST with MSTBVA 2,5 HC/...-G

Approvals

Approvals

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Approvals


Approvals


IECEE CB Scheme / EAC / cULus Recognized / VDE Zeichengenehmigung


Ex Approvals

Approval details

| | | | |
|----------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme |  | http://www.iecee.org/ | DE1-60988-B1B2 |
| Nominal voltage UN | 250 V | | |
| Nominal current IN | 16 A | | |
| mm ² /AWG/kcmil | 0.2-2.5 | | |

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

| | | | |
|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-19931011 |
| | B | D | |
| Nominal voltage UN | 300 V | 150 V | |
| Nominal current IN | 16 A | 15 A | |
| mm ² /AWG/kcmil | 30-12 | 30-12 | |

| | | | |
|----------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Zeichengenehmigung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40050079 |
| Nominal voltage UN | 250 V | | |
| Nominal current IN | 16 A | | |
| mm ² /AWG/kcmil | 0.2-2.5 | | |

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