

<https://www.phoenixcontact.com/cn/products/1757475>

## Base strip - MSTBA 2,5/ 2-G - 1757475

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>)

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering



The figure shows a 10-position version of the product

### Why buy this product

- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies
- ✓ Well-known mounting principle allows worldwide use
- ✓ Plug-in direction parallel to the PCB
- ✓ Closed contour for optimum stability of the plug-in connection



### Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 250 STK                                                                                                 |
| Minimum order quantity | 250 STK                                                                                                 |
| GTIN                   | <br>4 017918 030001 |
| GTIN                   | 4017918030001                                                                                           |
| Custom tariff number   | 8536901900                                                                                              |
| Sales Key              | AAAFDA                                                                                                  |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 12 mm        |
| Pitch                    | 5 mm         |
| Dimension a              | 5 mm         |
| Width                    | 12.16 mm     |
| Constructional height    | 8.6 mm       |
| Height                   | 12.1 mm      |
| Length of the solder pin | 3.5 mm       |
| Pin dimensions           | 1,0 x 1,0 mm |

Base strip - MSTBA 2,5/ 2-G - 1757475

Technical data

Dimensions

|               |        |
|---------------|--------|
| Hole diameter | 1.4 mm |
|---------------|--------|

General

|                                        |                 |
|----------------------------------------|-----------------|
| Range of articles                      | MSTBA 2,5/...-G |
| 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/3)                  | 250 V           |
| Rated voltage (III/2)                  | 320 V           |
| Rated voltage (II/2)                   | 400 V           |
| Connection in acc. with standard       | EN-VDE          |
| Nominal current I <sub>N</sub>         | 12 A            |
| Maximum load current                   | 12 A            |
| Insulating material                    | PA              |
| Flammability rating according to UL 94 | V0              |
| Color                                  | green           |
| Number of positions                    | 2               |

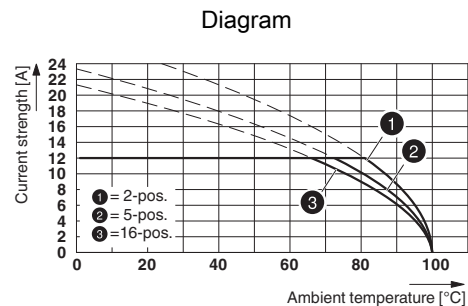
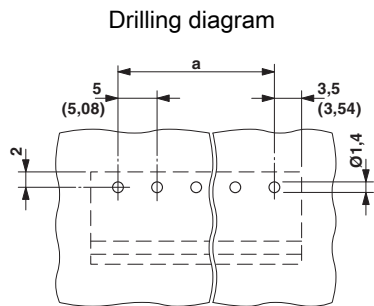
Standards and Regulations

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

Environmental Product Compliance

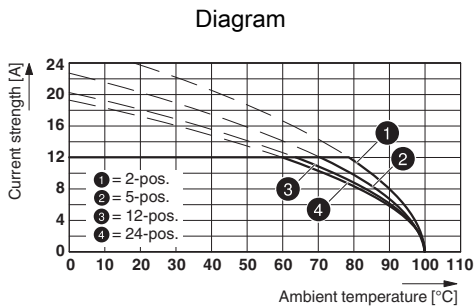
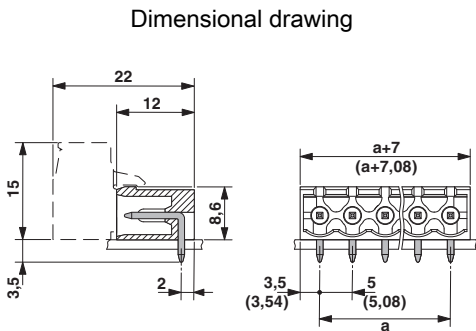
|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

Drawings



Type: FKCVR 2,5/...-ST with MSTBA 2,5/...-G

Base strip - MSTBA 2,5/ 2-G - 1757475



Type: MSTBP 2,5/...-ST with MSTBA 2,5/...-G

Approvals

Approvals

Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / cULus Recognized / EAC

Ex Approvals

Approval details

|                                |                                                                                     |                                                                                                                                                                                           |       |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| CSA                            |  | <a href="http://www.csagroup.org/services/testing-and-certification/certified-product-listing/">http://www.csagroup.org/services/testing-and-certification/certified-product-listing/</a> | 13631 |
|                                | B                                                                                   | D                                                                                                                                                                                         |       |
| Nominal current I <sub>N</sub> | 15 A                                                                                | 10 A                                                                                                                                                                                      |       |
| Nominal voltage U <sub>N</sub> | 300 V                                                                               | 300 V                                                                                                                                                                                     |       |

|                                         |                                                                                     |                                                                                                                                                                                                         |          |
|-----------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit Fertigungsüberwachung |  | <a href="http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx">http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx</a> | 40004701 |
|                                         |                                                                                     |                                                                                                                                                                                                         |          |
| Nominal current I <sub>N</sub>          | 12 A                                                                                |                                                                                                                                                                                                         |          |
| Nominal voltage U <sub>N</sub>          | 250 V                                                                               |                                                                                                                                                                                                         |          |

|                                |                                                                                     |                                                           |                |
|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme                |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-56062-B1B2 |
|                                |                                                                                     |                                                           |                |
| Nominal current I <sub>N</sub> | 12 A                                                                                |                                                           |                |
| Nominal voltage U <sub>N</sub> | 250 V                                                                               |                                                           |                |

Base strip - MSTBA 2,5/ 2-G - 1757475

Approvals

|                                                                                                                                                                                                                                                                          |       |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|
| cULus Recognized  <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19931011 |       |       |
|                                                                                                                                                                                                                                                                          | B     | D     |
| Nominal current I <sub>N</sub>                                                                                                                                                                                                                                           | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                                                                                                                                                                                           | 300 V | 300 V |

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