

Base strip - MCV 0,5/ 2-G-2,5 - 1881558

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>)

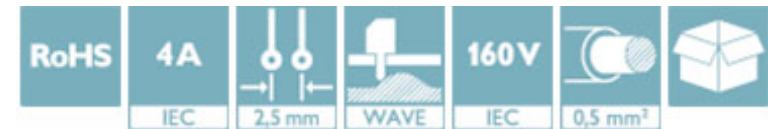


The figure shows a 10-position version of the product

Header, Nominal current: 4 A, Rated voltage (III/2): 160 V, Number of positions: 2, Pitch: 2.5 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

Why buy this product

- ✓ Well-known mounting principle allows worldwide use
- ✓ Vertical connection enables multi-row arrangement on the PCB



Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 50 STK                                                                                                  |
| Minimum order quantity | 50 STK                                                                                                  |
| GTIN                   | <br>4 017918 156794 |
| GTIN                   | 4017918156794                                                                                           |
| Custom tariff number   | 8536909000                                                                                              |
| Sales Key              | AAADDA                                                                                                  |

Technical data

Dimensions

|                          |           |
|--------------------------|-----------|
| Length                   | 8.1 mm    |
| Pitch                    | 2.5 mm    |
| Dimension a              | 2.5 mm    |
| Width                    | 6.9 mm    |
| Constructional height    | 10.1 mm   |
| Height                   | 13.6 mm   |
| Length of the solder pin | 3.5 mm    |
| Pin dimensions           | 0,8 x 0,8 |
| Hole diameter            | 1.2 mm    |

Base strip - MCV 0,5/ 2-G-2,5 - 1881558

Technical data

General

|                                        |               |
|----------------------------------------|---------------|
| Range of articles                      | MCV 0,5/...-G |
| Insulating material group              | I             |
| Rated surge voltage (III/3)            | 1.5 kV        |
| Rated surge voltage (III/2)            | 2.5 kV        |
| Rated surge voltage (II/2)             | 2.5 kV        |
| Rated voltage (III/3)                  | 80 V          |
| Rated voltage (III/2)                  | 160 V         |
| Rated voltage (II/2)                   | 320 V         |
| Connection in acc. with standard       | EN-VDE        |
| Nominal current I <sub>N</sub>         | 4 A           |
| Maximum load current                   | 4 A           |
| Insulating material                    | PA            |
| Flammability rating according to UL 94 | V0            |
| Color                                  | green         |
| Number of positions                    | 2             |

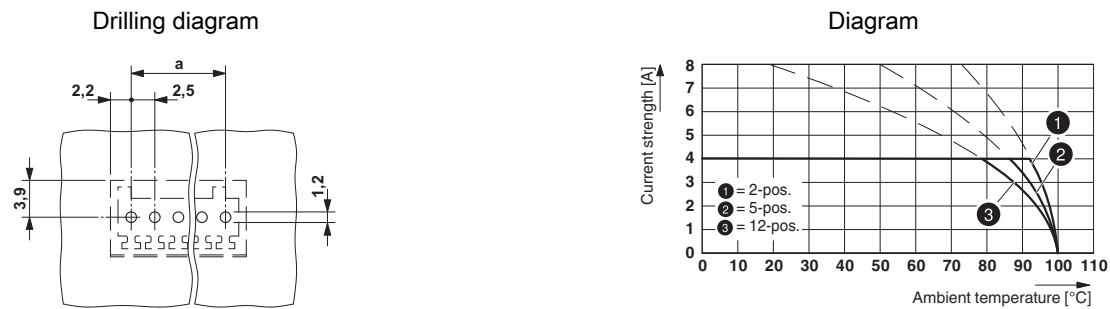
Standards and Regulations

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

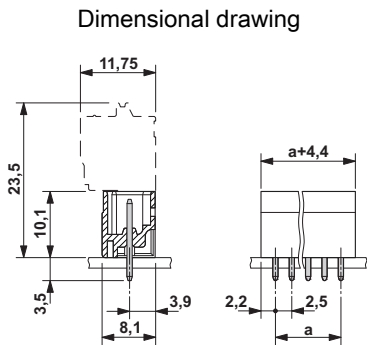
Environmental Product Compliance

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

Drawings



Base strip - MCV 0,5/ 2-G-2,5 - 1881558



Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCEB Scheme / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

|                    |                                                                                     |                                                                                                                                                       |              |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| UL 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> | FILE E 60425 |
|                    |                                                                                     | B                                                                                                                                                     |              |
| Nominal current IN |                                                                                     | 4 A                                                                                                                                                   |              |
| Nominal voltage UN |                                                                                     | 125 V                                                                                                                                                 |              |

|                                            |                                                                                     |                                                                                                                                                                                                         |          |
|--------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| VDE Gutachten mit<br>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> | 40013394 |
|                                            |                                                                                     |                                                                                                                                                                                                         |          |
| Nominal current IN                         |                                                                                     | 4 A                                                                                                                                                                                                     |          |
| Nominal voltage UN                         |                                                                                     | 80 V                                                                                                                                                                                                    |          |

|                    |                                                                                     |                                                                                                                                                       |              |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| cUL 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> | FILE E 60425 |
|                    |                                                                                     | B                                                                                                                                                     |              |
| Nominal current IN |                                                                                     | 4 A                                                                                                                                                   |              |
| Nominal voltage UN |                                                                                     | 125 V                                                                                                                                                 |              |

<https://www.phoenixcontact.com/cn/products/1881558>

## Base strip - MCV 0,5/ 2-G-2,5 - 1881558

### Approvals

|                                |  |                                                                                   |                                                           |                |
|--------------------------------|--|-----------------------------------------------------------------------------------|-----------------------------------------------------------|----------------|
| IECEE CB Scheme                |  |  | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | DE1-56068-B1B2 |
|                                |  |                                                                                   |                                                           |                |
| Nominal current I <sub>N</sub> |  | 4 A                                                                               |                                                           |                |
| Nominal voltage U <sub>N</sub> |  | 80 V                                                                              |                                                           |                |

|                                |                |
|--------------------------------|----------------|
| CCA                            | CCA/ DE1 34250 |
|                                |                |
| Nominal current I <sub>N</sub> | 4 A            |
| Nominal voltage U <sub>N</sub> | 80 V           |

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

|                  |                                                                                     |                                                                                                                                                       |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> |
|------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|