

## Base strip - MSTBVA 2,5/ 9-G - 1755587

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: 9, 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
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Closed contour for optimum stability of the plug-in connection



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 100 STK                                                                                                 |
| GTIN                                 | <br>4 017918 029166 |
| GTIN                                 | 4017918029166                                                                                           |
| Weight per Piece (excluding packing) | 3.360 g                                                                                                 |
| Custom tariff number                 | 85366930                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                          |          |
|--------------------------|----------|
| Length [ l ]             | 8.6 mm   |
| Pitch                    | 5 mm     |
| Dimension a              | 40 mm    |
| Width [ w ]              | 47 mm    |
| Constructional height    | 12 mm    |
| Height [ h ]             | 15.9 mm  |
| Length of the solder pin | 3.9 mm   |
| Pin dimensions           | 1 x 1 mm |

## Base strip - MSTBVA 2,5/ 9-G - 1755587

### Technical data

#### Dimensions

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

#### General

|                                        |                  |
|----------------------------------------|------------------|
| Range of articles                      | MSTBVA 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 $I_N$                  | 12 A             |
| Maximum load current                   | 12 A             |
| Insulating material                    | PA               |
| Flammability rating according to UL 94 | V0               |
| Color                                  | green            |
| Number of positions                    | 9                |

#### Standards and Regulations

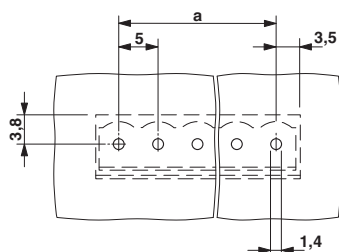
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CSA    |
| Flammability rating according to UL 94 | V0     |

#### Environmental Product Compliance

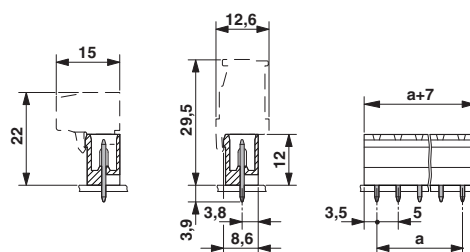
|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

Drilling diagram



Dimensional drawing



## Base strip - MSTBVA 2,5/ 9-G - 1755587

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |
| ETIM 6.0 | EC002637 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

### Approvals

#### Approvals

#### Approvals

CSA / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / cULus Recognized / EAC

#### Ex Approvals

#### Approval details

|                                |                                                                                     |       |
|--------------------------------|-------------------------------------------------------------------------------------|-------|
| CSA                            |  | 13631 |
|                                | B                                                                                   | D     |
| Nominal current I <sub>N</sub> | 12 A                                                                                | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V                                                                               | 300 V |

## Base strip - MSTBVA 2,5/ 9-G - 1755587

### Approvals

|                                            |                                                                                   |                                                                                                                                                                                                              |          |
|--------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 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/<br/>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> | DE1-58978-B1B2 |
|                                |  |                                                                                   |                                                           |                |
| Nominal current I <sub>N</sub> |  | 12 A                                                                              |                                                           |                |
| Nominal voltage U <sub>N</sub> |  | 250 V                                                                             |                                                           |                |

|                                |                                                                                    |                                                                                                                                                       |                 |
|--------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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> | 12 A                                                                               | 10 A                                                                                                                                                  |                 |
| Nominal voltage U <sub>N</sub> | 300 V                                                                              | 300 V                                                                                                                                                 |                 |

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

### Accessories

Accessories

Coding element

Coding star - CR-MSTB - 1734401



Coding section, inserted into the recess in the header or the inverted plug, red insulating material

Filler plug

## Base strip - MSTBVA 2,5/ 9-G - 1755587

### Accessories

Accessories - MSTB-BL - 1755477



Keying cap, for forming sections, plugs onto header pin, green insulating material

---

### Labeled terminal marker

Marker card - SK 5/3,8:FORTL.ZAHLEN - 0804183



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: adhesive, for terminal block width: 5 mm, Lettering field: 5 x 3.8 mm

---

### Additional products

Printed-circuit board connector - TVFKC 1,5/ 9-ST - 1713907



Plug component, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

---

Printed-circuit board connector - TVFKCL 1,5/ 9-ST - 1715992



Plug component, nominal current: 10 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

---

Plug - QC 1,5/ 9-ST - 1718038



Plug component, nominal current: 12 A, rated voltage (III/2): 630 V, number of positions: 9, pitch: 5 mm, connection method: Displacement connection, Color: green, contact surface: Tin

## Base strip - MSTBVA 2,5/ 9-G - 1755587

### Accessories

#### Printed-circuit board connector - FKCN 2,5/ 9-ST - 1732810



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - MSTB 2,5/ 9-ST - 1754588



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - MSTB 2,5/ 9-STZ - 1758995



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

#### Plug - MVSTBW 2,5/ 9-STEH - 1763401

Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - MSTBP 2,5/ 9-ST - 1765849



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - SMSTB 2,5/ 9-ST - 1768820



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

## Base strip - MSTBVA 2,5/ 9-G - 1755587

### Accessories

#### Printed-circuit board connector - FRONT-MSTB 2,5/ 9-ST - 1779482



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Front screw connection, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - MSTBT 2,5/ 9-ST - 1779903



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - MVSTBR 2,5/ 9-ST - 1792087



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - MVSTBW 2,5/ 9-ST - 1792595



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - FKCT 2,5/ 9-ST - 1909281

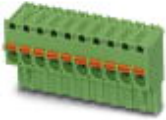


Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

## Base strip - MSTBVA 2,5/ 9-G - 1755587

### Accessories

#### Printed-circuit board connector - FKCVR 2,5/ 9-ST - 1909786



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - FKCVW 2,5/ 9-ST - 1910102



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - FKC 2,5/ 9-ST - 1910429



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

---

#### Printed-circuit board connector - FKCS 2,5/ 9-ST - 1974805



Plug component, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 9, pitch: 5 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin