

## Base strip - MSTB 2,5/ 8-GF - 1776757

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://download.phoenixcontact.com>)

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Color: green, Contact surface: Tin, Assembly: Soldering



The figure shows a 10-position version of the product

### Why buy this product

- ☒ Other pin lengths available on request
- ☒ Plug-in direction parallel to the conductor axis
- ☒ W type with stand-off
- ☒ Standard pin strip for 320 V (III/2)



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1                                                                                                       |
| Minimum order quantity | 1                                                                                                       |
| Catalog page           | Page 287 (CC-2011)                                                                                      |
| GTIN                   | <br>4 017918 038922 |
| Custom tariff number   | 85366990                                                                                                |
| Country of origin      | GERMANY                                                                                                 |

### Technical data

#### Dimensions / positions

|                     |          |
|---------------------|----------|
| Length              | 12 mm    |
| Pitch               | 5 mm     |
| Dimension a         | 35 mm    |
| Number of positions | 8        |
| Pin dimensions      | 1 x 1 mm |
| Hole diameter       | 1.4 mm   |

#### Technical data

|                             |                 |
|-----------------------------|-----------------|
| Range of articles           | MSTB 2,5/...-GF |
| Insulating material group   | IIIa            |
| Rated surge voltage (III/3) | 4 kV            |

## Base strip - MSTB 2,5/ 8-GF - 1776757

### Technical data

#### Technical data

|                                         |        |
|-----------------------------------------|--------|
| Rated surge voltage (III/2)             | 4 kV   |
| Rated surge voltage (II/2)              | 4 kV   |
| 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   |
| Nominal voltage U <sub>N</sub>          | 250 V  |
| Maximum load current                    | 12 A   |
| Insulating material                     | PBT    |
| Inflammability class according to UL 94 | V0     |
| Color                                   | green  |
| Nominal voltage, UL/CUL Use Group B     | 300 V  |
| Nominal current, UL/CUL Use Group B     | 15 A   |
| Nominal voltage, UL/CUL Use Group D     | 300 V  |
| Nominal current, UL/CUL Use Group D     | 15 A   |

### Classifications

#### eclass

|            |          |
|------------|----------|
| 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 |

#### etim

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

#### unspsc

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

### Approvals

#### Approvals

---

## Base strip - MSTB 2,5/ 8-GF - 1776757

### Approvals

#### Approvals

CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / GL / RS / IEC EE CB Scheme / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

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

|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | D     |
| Nominal current I <sub>N</sub>                                                                    | 15 A  | 15 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 300 V | 150 V |

|                                                                                                                           |       |
|---------------------------------------------------------------------------------------------------------------------------|-------|
| VDE report with production monitoring  |       |
| Nominal current I <sub>N</sub>                                                                                            | 12 A  |
| Nominal voltage U <sub>N</sub>                                                                                            | 250 V |

|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                    | B     | D     |
| Nominal current I <sub>N</sub>                                                                     | 15 A  | 15 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 150 V |

|                                                                                          |  |  |
|------------------------------------------------------------------------------------------|--|--|
| GOST  |  |  |
|------------------------------------------------------------------------------------------|--|--|

## Base strip - MSTB 2,5/ 8-GF - 1776757

### Approvals

|                                |       |
|--------------------------------|-------|
| GL                             |       |
|                                |       |
| Nominal current I <sub>N</sub> | 8 A   |
| Nominal voltage U <sub>N</sub> | 250 V |

|    |
|----|
| RS |
|----|

|                                |       |
|--------------------------------|-------|
| IECEE CB Scheme                |       |
|                                |       |
| Nominal current I <sub>N</sub> | 12 A  |
| Nominal voltage U <sub>N</sub> | 250 V |

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|----------------------------------------------------------------------------------------------------|

### Accessories

#### Accessories

#### Assembly

Accessories - MSTB-BL - 1755477



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

### Marking

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



Marker cards, 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

### Plug/Adapter

## Base strip - MSTB 2,5/ 8-GF - 1776757

### Accessories

Keying star - CR-MSTB - 1734401



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

---

### Additional products

Printed-circuit board connector - MVSTBW 2,5/ 8-STF - 1835342



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

---

Printed-circuit board connector - MSTB 2,5/ 8-STF - 1786899



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

---

Printed-circuit board connector - FKC 2,5/ 8-STF - 1910584



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

---

Printed-circuit board connector - FRONT-MSTB 2,5/ 8-STF - 1779709



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

---

## Base strip - MSTB 2,5/ 8-GF - 1776757

### Accessories

Printed-circuit board connector - MVSTBR 2,5/ 8-STF - 1835533



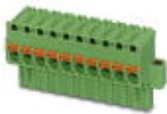
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FKCT 2,5/ 8-STF - 1909469



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

Printed-circuit board connector - FKCVR 2,5/ 8-STF - 1909948



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

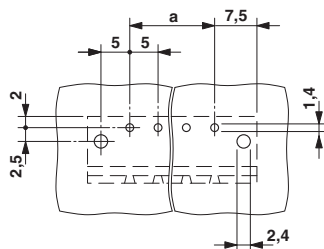
Printed-circuit board connector - FKCVW 2,5/ 8-STF - 1910267



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5 mm, Connection method: Spring-cage conn., Color: green, Contact surface: Tin

### Drawings

#### Drilling diagram



#### Dimensioned drawing

