

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering



The figure shows a 10-position version of the product

### Product Features

- ☒ 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 pc                                                                                                    |
| GTIN                                 | <br>4 017918 029777 |
| Weight per Piece (excluding packing) | 0.96 GRM                                                                                                |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|                |          |
|----------------|----------|
| Length         | 12 mm    |
| Pitch          | 5.08 mm  |
| Dimension a    | 5.08 mm  |
| Pin dimensions | 1 x 1 mm |
| Hole diameter  | 1.4 mm   |

#### General

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### Technical data

#### 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 $I_N$                   | 12 A            |
| Maximum load current                    | 12 A            |
| Insulating material                     | PA              |
| Inflammability class according to UL 94 | V0              |
| Color                                   | green           |
| Number of positions                     | 2               |

### 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 |

#### 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 |

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### Approvals

#### Approvals

#### Approvals

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

#### Ex Approvals

#### Approvals submitted

#### Approval details

|                                                                                        |       |       |
|----------------------------------------------------------------------------------------|-------|-------|
| CSA  |       |       |
|                                                                                        | B     | D     |
| Nominal current I <sub>N</sub>                                                         | 15 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  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 300 V | 300 V |

|                                                                                                                             |       |
|-----------------------------------------------------------------------------------------------------------------------------|-------|
| VDE Gutachten mit Fertigungsüberwachung  |       |
| Nominal current I <sub>N</sub>                                                                                              | 12 A  |
| Nominal voltage U <sub>N</sub>                                                                                              | 250 V |

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### Approvals

|                                                                                                  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                  | B     | D     |
| Nominal current I <sub>N</sub>                                                                   | 15 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                   | 300 V | 300 V |

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

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

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

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

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

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

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### 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

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### Filler plug

Accessories - MSTB-BL - 1755477



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

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### Labeled terminal marker

Marker cards - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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### Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

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### Terminal marking

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### Accessories

Marker cards - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker cards, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

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### Additional products

Printed-circuit board connector - MSTBP 2,5/ 2-ST-5,08 - 1769010



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MVSTBW 2,5/ 2-ST-5,08 - 1792757



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/ 2-ST-5,08 - 1757019



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTBT 2,5/ 2-ST-5,08 - 1779987



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### Accessories

#### Printed-circuit board connector - MSTBC 2,5/ 2-ST-5,08 - 1808816



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

#### Printed-circuit board connector - MVSTBR 2,5/ 2-ST-5,08 - 1792249



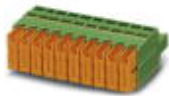
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - FKCT 2,5/ 2-ST-5,08 - 1902110



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - QC 1/ 2-ST-5,08 - 1883255



Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

#### Printed-circuit board connector - FKCVW 2,5/ 2-ST-5,08 - 1873650



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### Accessories

Printed-circuit board connector - FKC 2,5/ 2-ST-5,08 - 1873058



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Printed-circuit board connector - TMSTBP 2,5/ 2-ST-5,08 - 1853010



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, The plug allows conductors to be looped through from module to module.

Printed-circuit board connector - SMSTB 2,5/ 2-ST-5,08 - 1826283



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MSTBU 2,5/ 2-ST-5,08-FL - 1824353



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

Printed-circuit board connector - MSTBU 2,5/ 2-STD-5,08 - 1824120



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Assembly: Direct mounting

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### Accessories

#### Printed-circuit board connector - MSTBC 2,5/ 2-STZ-5,08 - 1809501



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 10A/MSTBC-MT 0,5-1,0 (3190564); 10A/MSTBC-MT 0,5-1,0 BA (3190645); 12A/MSTBC-MT 1,5-2,5 (3190551); 12A/MSTBC-MT 1,5-2,5 BA (3190658). BA = Bandkontakte

#### Base strip - IC 2,5/ 2-G-5,08 - 1786404



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

#### Base strip - ICV 2,5/ 2-G-5,08 - 1785942



Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Assembly: Soldering

#### Printed-circuit board connector - FRONT-MSTB 2,5/ 2-ST-5,08 - 1777280



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - FKCVR 2,5/ 2-ST-5,08 - 1873951



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 2, Pitch: 5.08 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

### Accessories

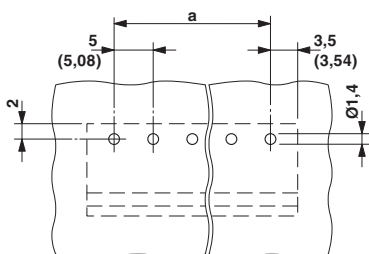
Base strip - A-ICV 2,5/ 2-G-5,08 - 1872693



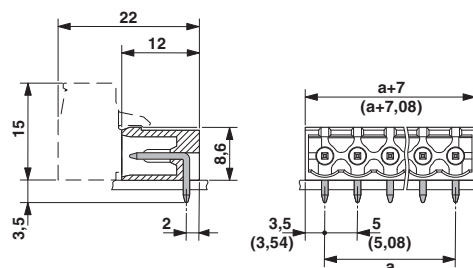
Base strip, Nominal current: 12 A, Nominal voltage: 250 V, Mounting type: DIN rail mounting, Number of positions: 2, Pitch: 5.08 mm, Color: green

### Drawings

Drilling diagram



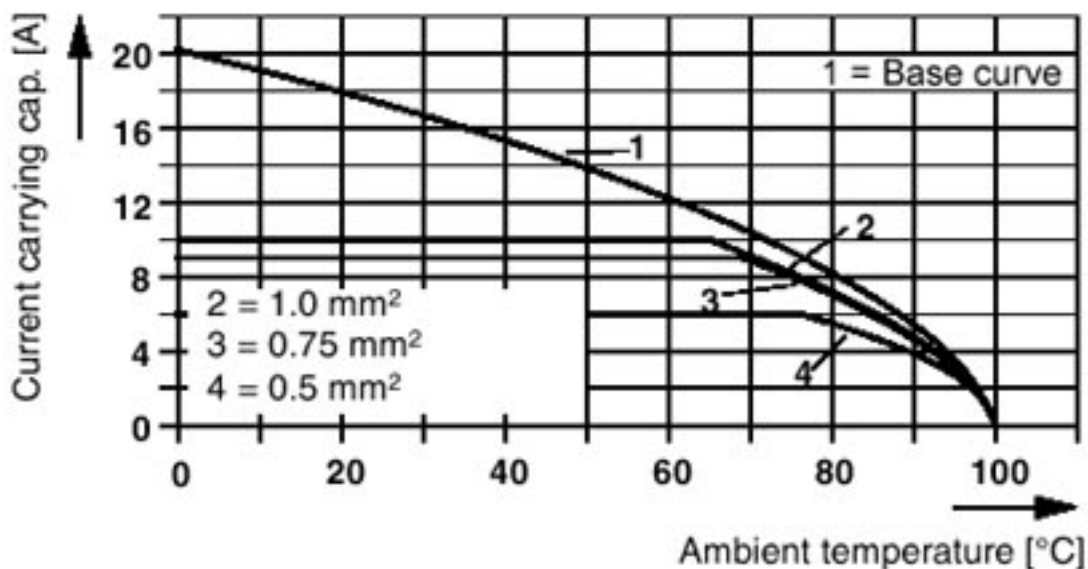
Dimensioned drawing



Diagram

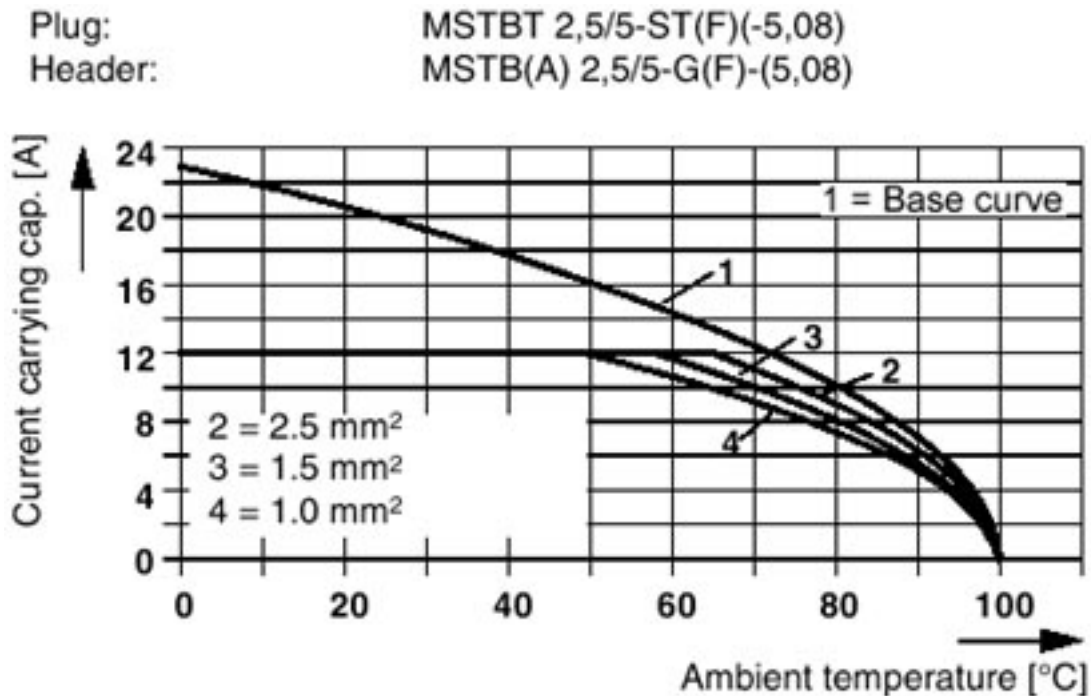
Plug:  
Header:

QC 1/5-ST(F)-5,08  
MSTB(A) 2,5/5-G(F)-5,08

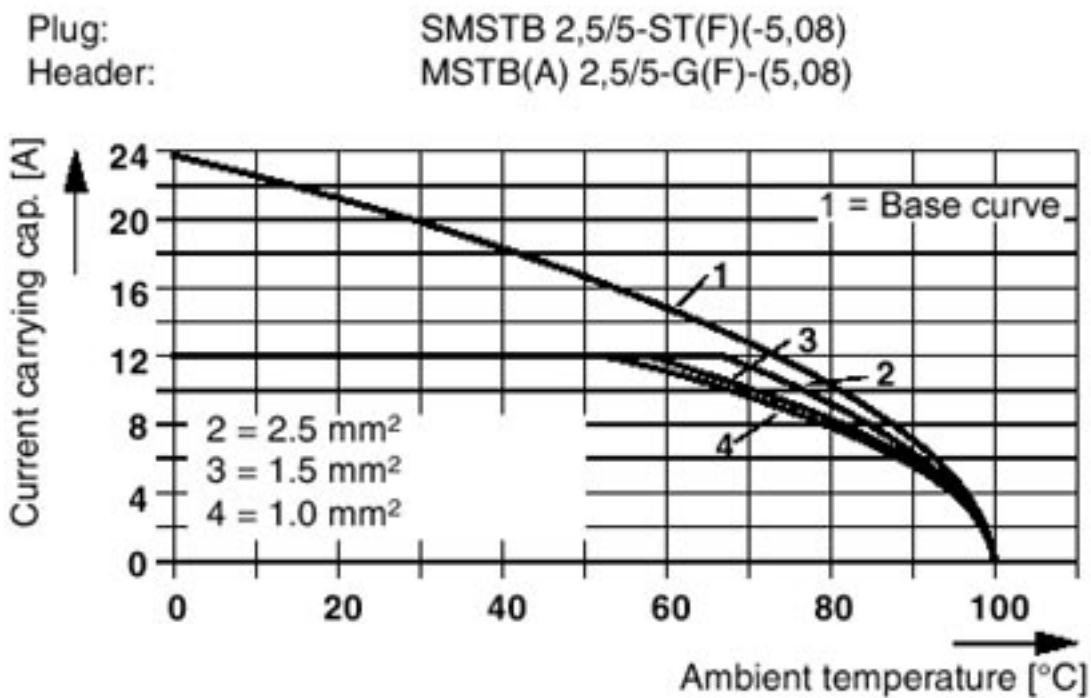


## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

Diagram

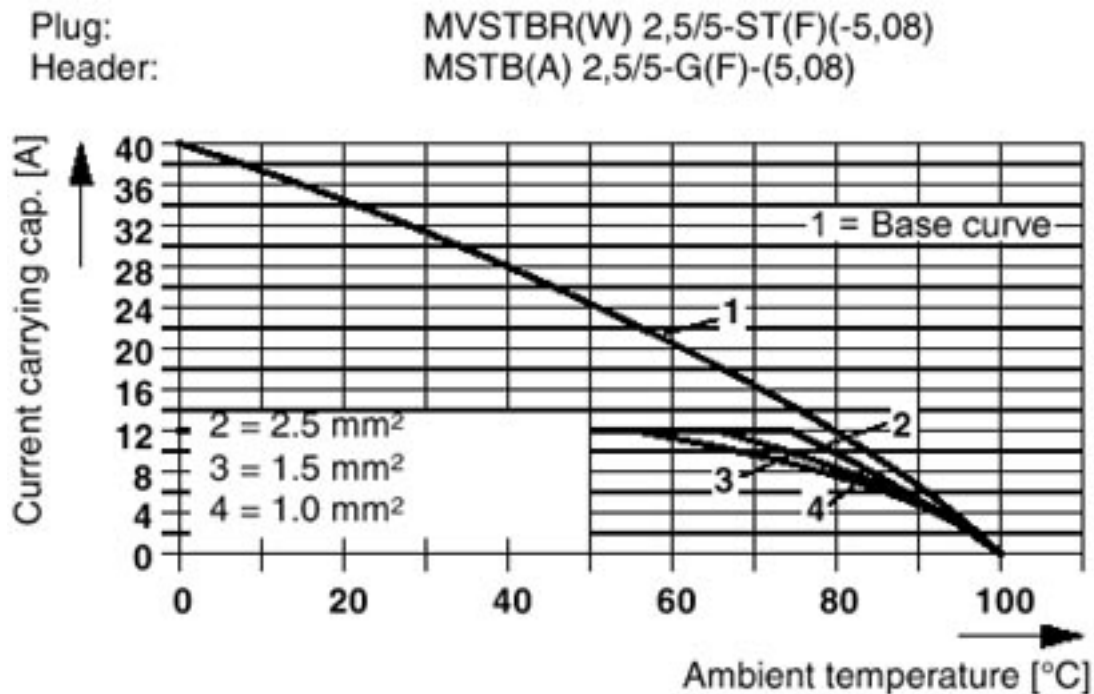


Diagram

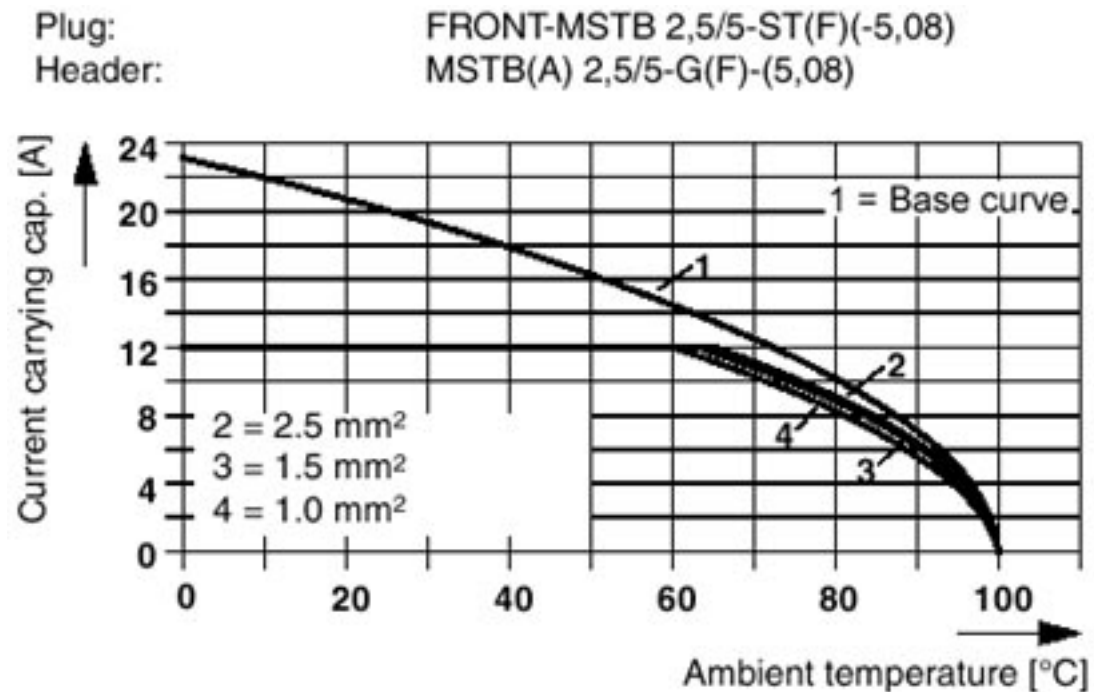


## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

Diagram

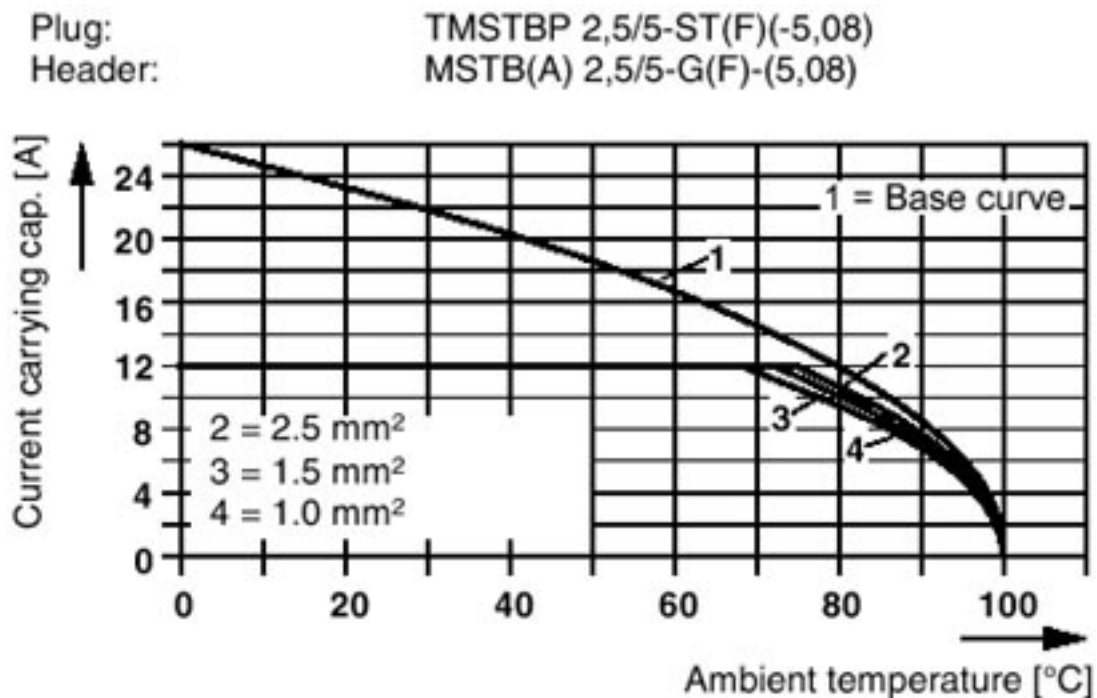


Diagram

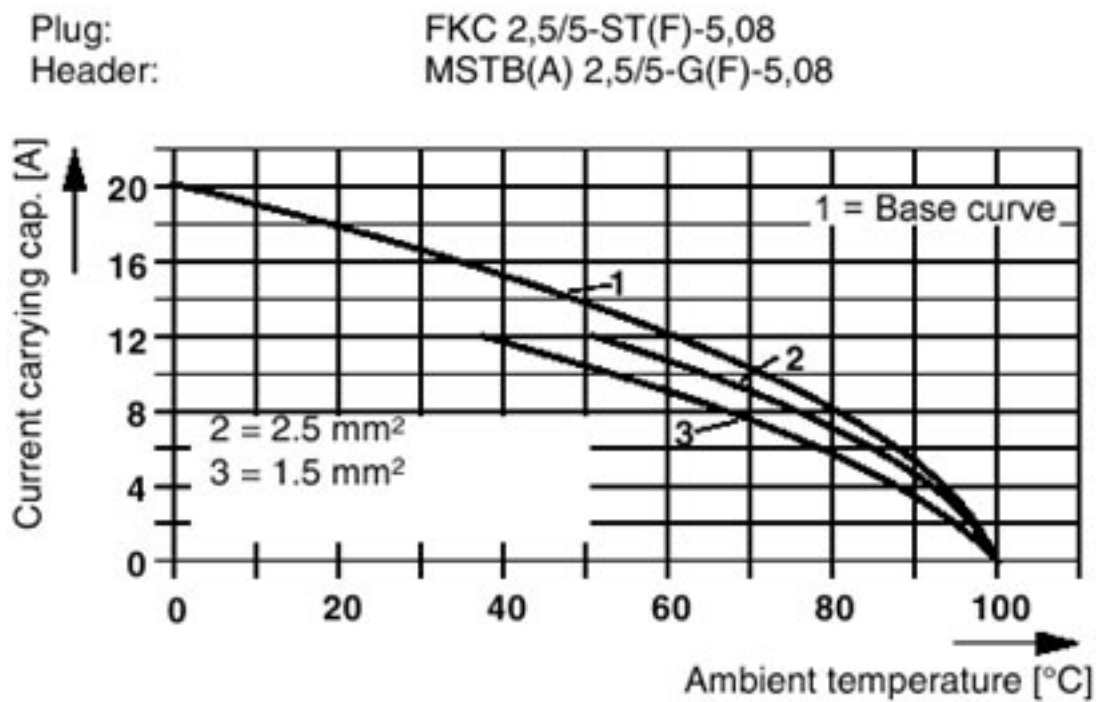


## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

Diagram

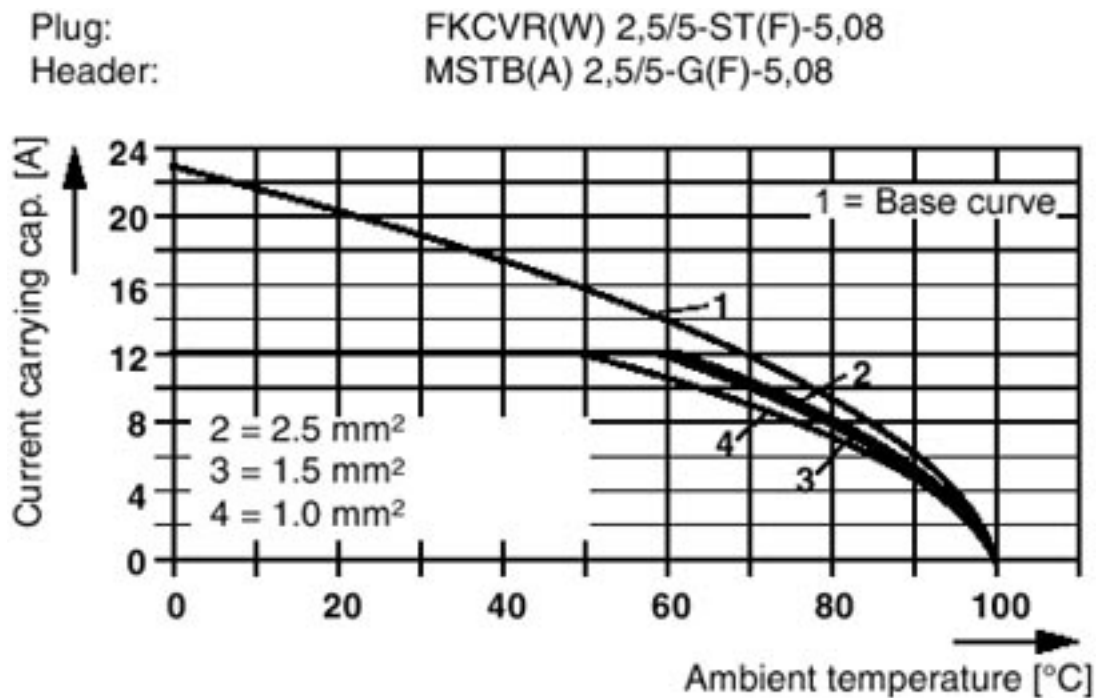


Diagram

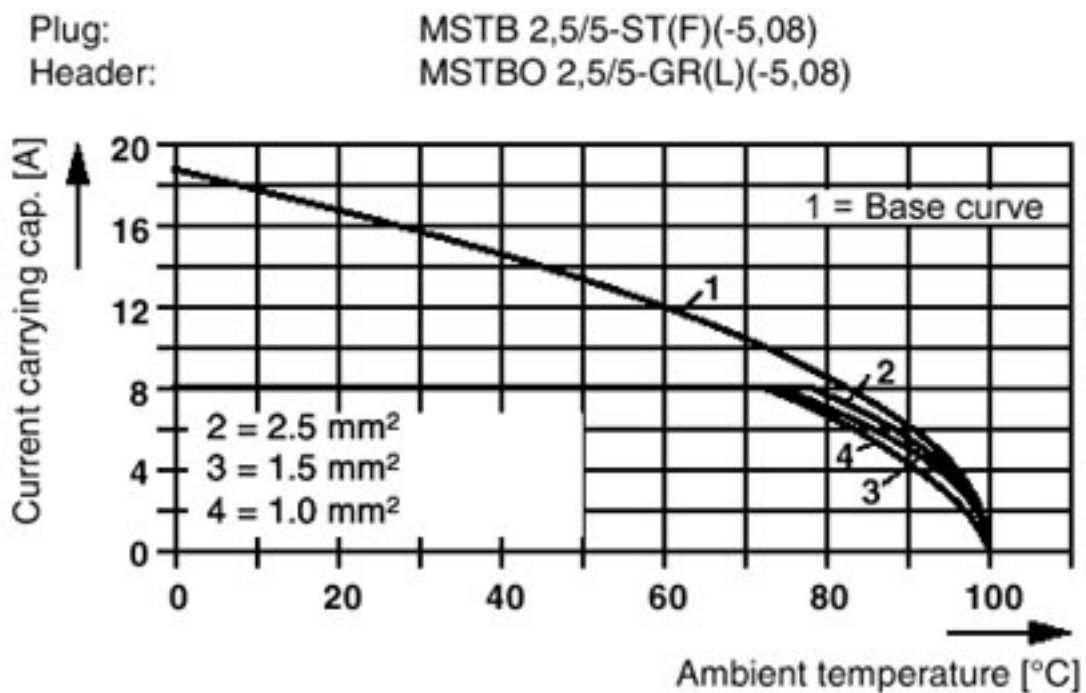


## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

Diagram



Diagram



## Base strip - MSTBA 2,5/ 2-G-5,08 - 1757242

Diagram

