

## Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: 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	250 pc
GTIN	 4 017918 029784
Weight per Piece (excluding packing)	1.1 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	12 mm
Pitch	5.08 mm
Dimension a	10.16 mm
Width	17.16 mm
Constructional height	8.6 mm
Height	12.1 mm
Length of the solder pin	3.5 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

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## 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 <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	3

### Standards and Regulations

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

### 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

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## Classifications

### UNSPSC

UNSPSC 13.2	39121409
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## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

#### Approvals submitted

## Approval details

CSA		
	B	D
Nominal current IN	15 A	10 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	12 A
Nominal voltage UN	250 V

IECCEB Scheme	
Nominal current IN	12 A
Nominal voltage UN	250 V

CCA
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EAC
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### Approvals

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

### 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

Accessories - MSTB-BL - 1755477



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

#### Labeled terminal marker

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



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: 5.08 mm, Lettering field: 5.08 x 3.8 mm

#### Terminal marking

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



Marker card, 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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### Accessories

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#### Additional products

Printed-circuit board connector - TVMSTB 2,5/ 3-ST-5,08 - 1719011



Plug component, Nominal current: 12 A, Rated voltage (III/2): 400 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - FKCN 2,5/ 3-ST-5,08 - 1754571



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/ 3-ST-5,08 - 1757022



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTBP 2,5/ 3-ST-5,08 - 1769023



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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Printed-circuit board connector - MSTB 2,5/ 3-STZ-5,08 - 1776168



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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## Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

### Accessories

Printed-circuit board connector - FRONT-MSTB 2,5/ 3-ST-5,08 - 1777293

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBT 2,5/ 3-ST-5,08 - 1779990

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBR 2,5/ 3-ST-5,08 - 1792252

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MVSTBW 2,5/ 3-ST-5,08 - 1792760

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTBC 2,5/ 3-ST-5,08 - 1808829

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, 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



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### Accessories

#### Printed-circuit board connector - MSTBC 2,5/ 3-STZ-5,08 - 1809514



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, 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 - MSTBU 2,5/ 3-STD-5,08 - 1824133



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

#### Printed-circuit board connector - MSTBU 2,5/ 3-ST-5,08-FL - 1824366



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

#### Printed-circuit board connector - SMSTB 2,5/ 3-ST-5,08 - 1826296



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - TMSTBP 2,5/ 3-ST-5,08 - 1853023



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, 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.

## Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

### Accessories

Printed-circuit board connector - FKC 2,5/ 3-ST-5,08 - 1873061

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



Printed-circuit board connector - FKCVW 2,5/ 3-ST-5,08 - 1873663

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



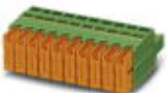
Printed-circuit board connector - FKCVR 2,5/ 3-ST-5,08 - 1873964

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



Printed-circuit board connector - QC 1/ 3-ST-5,08 - 1883268

Plug component, Nominal current: 10 A, Rated voltage (III/2): 630 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin



Printed-circuit board connector - FKCT 2,5/ 3-ST-5,08 - 1902123

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

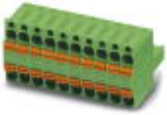




# Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

## Accessories

Printed-circuit board connector - TFKC 2,5/ 3-ST-5,08 - 1962613



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

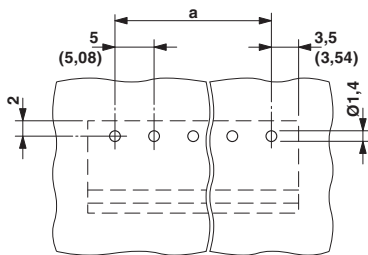
Printed-circuit board connector - FKCS 2,5/ 3-ST-5,08 - 1975082



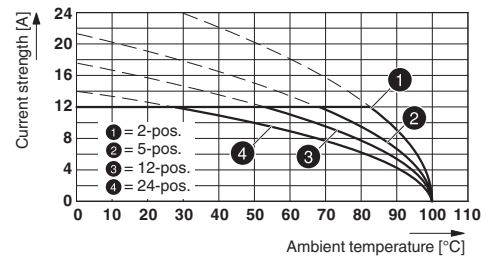
Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 3, Pitch: 5.08 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

## Drawings

Drilling diagram

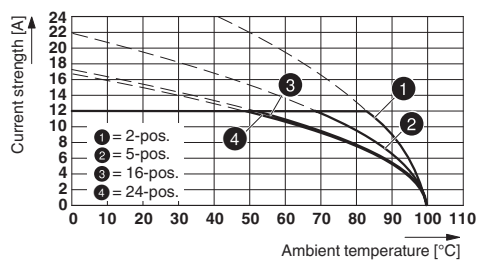


Diagram



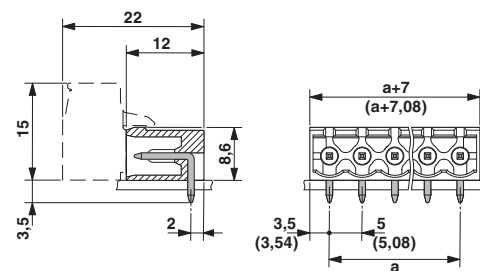
Type: ICV 2,5/...-G-5,08 with MSTBA 2,5/...-G-5,08

Diagram



Type: IC 2,5/...-G-5,08 with MSTBA 2,5/...-G-5,08

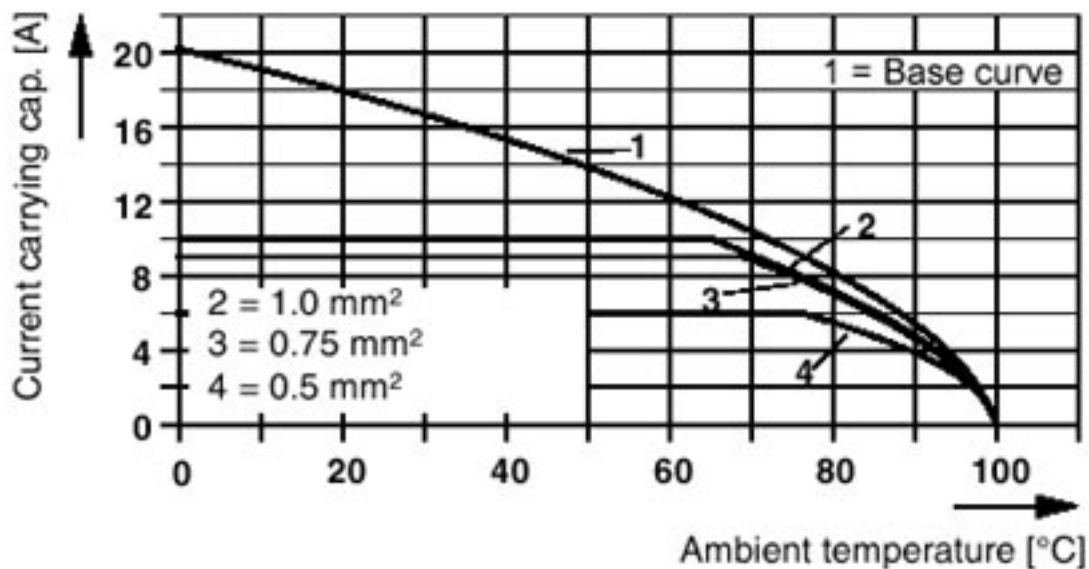
Dimensional drawing



### Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

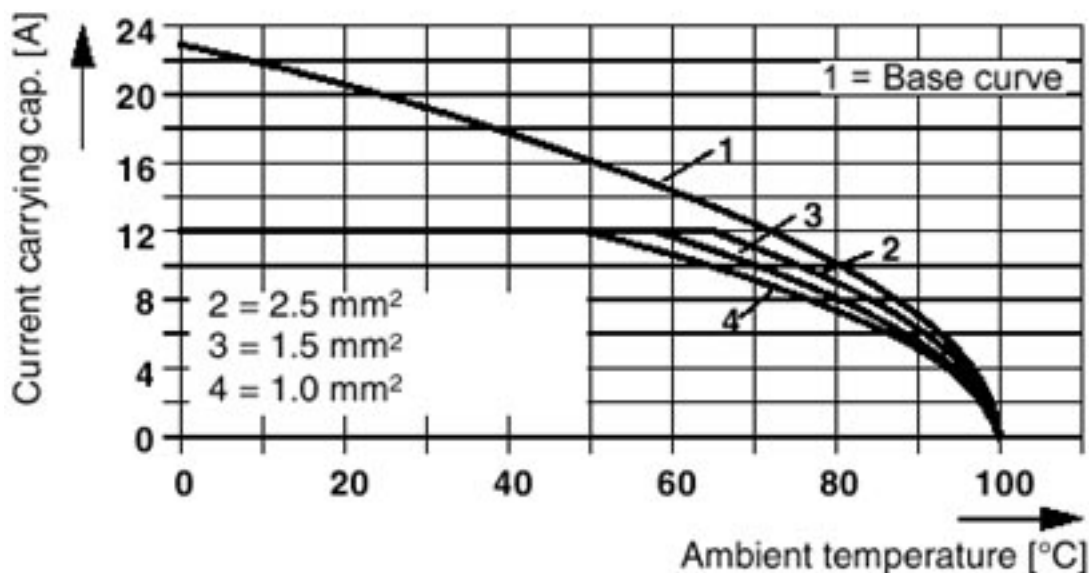
Diagram

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



Diagram

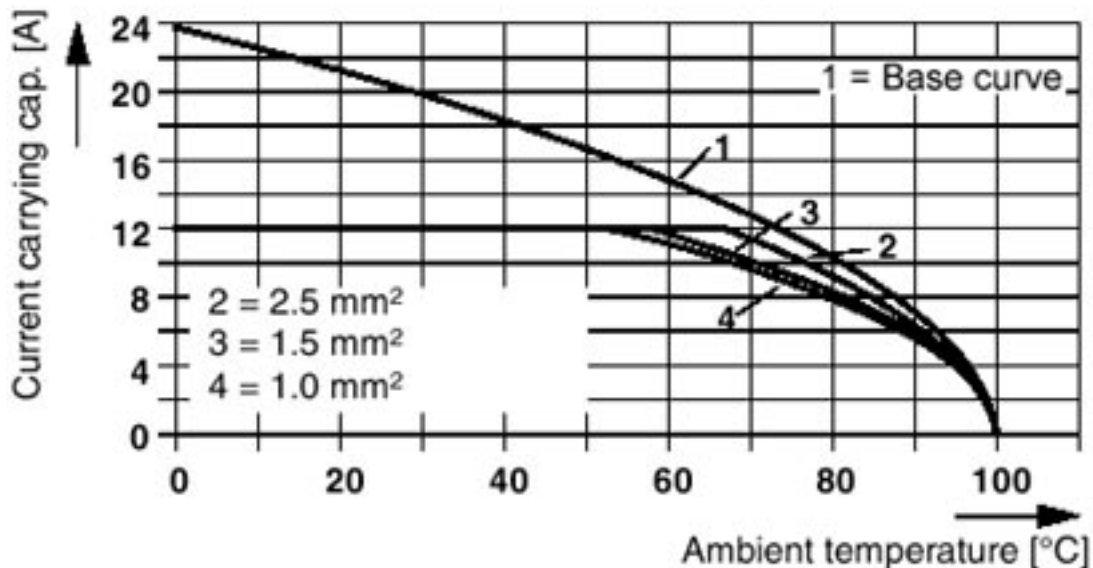
Plug: MSTBT 2,5/5-ST(F)-(-5,08)  
 Header: MSTB(A) 2,5/5-G(F)-(-5,08)



### Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

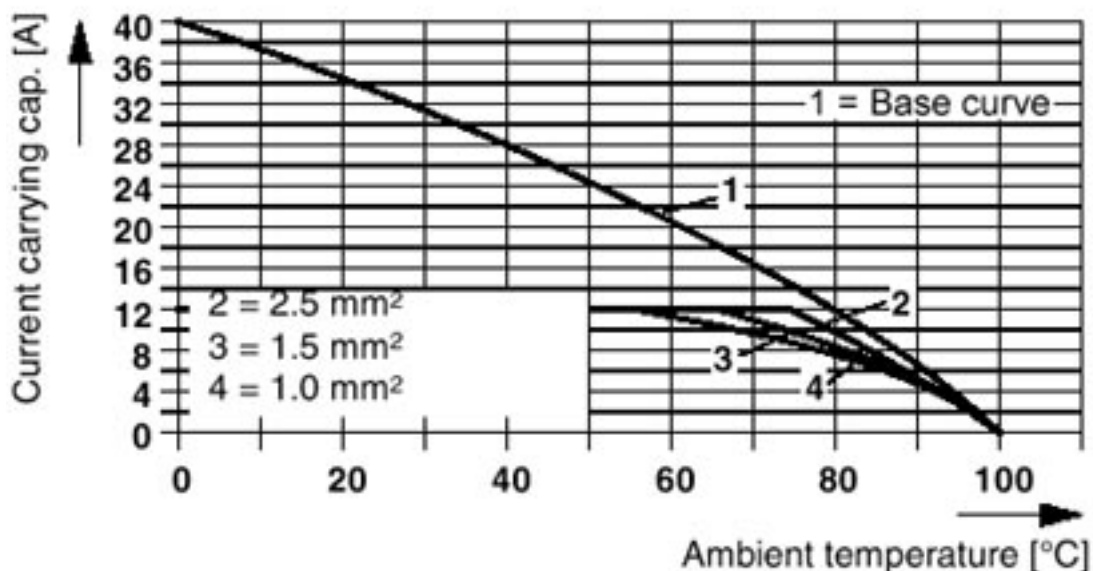
Diagram

Plug: SMSTB 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



Diagram

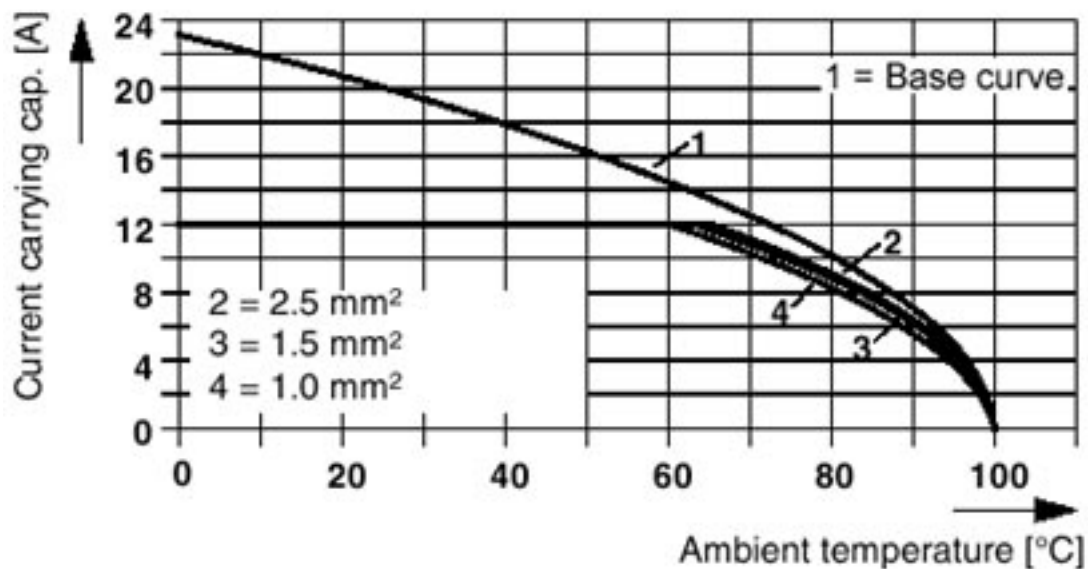
Plug: MVSTBR(W) 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



### Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

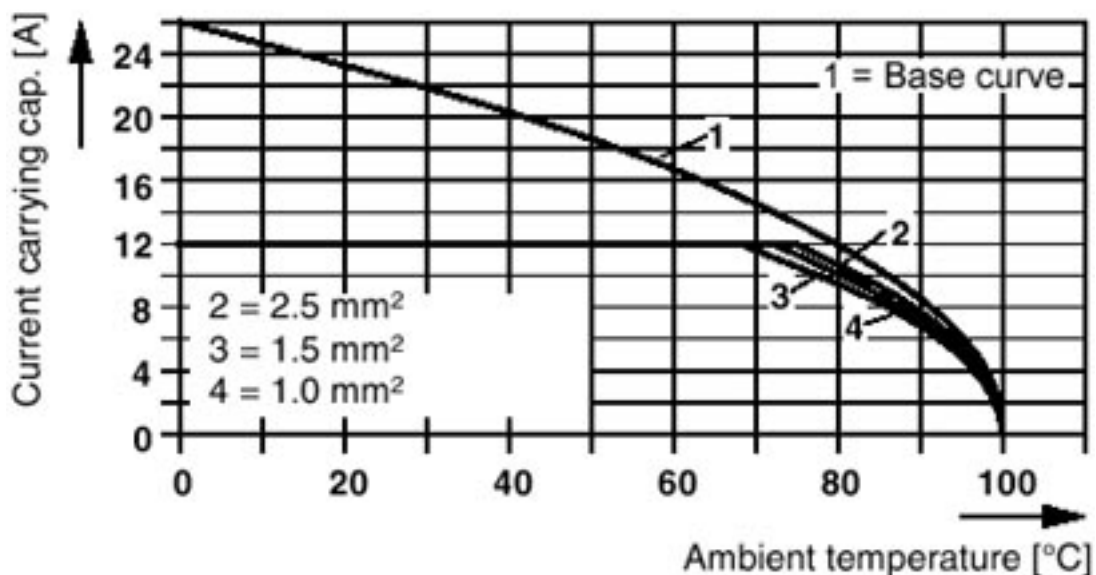
Diagram

Plug: FRONT-MSTB 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



Diagram

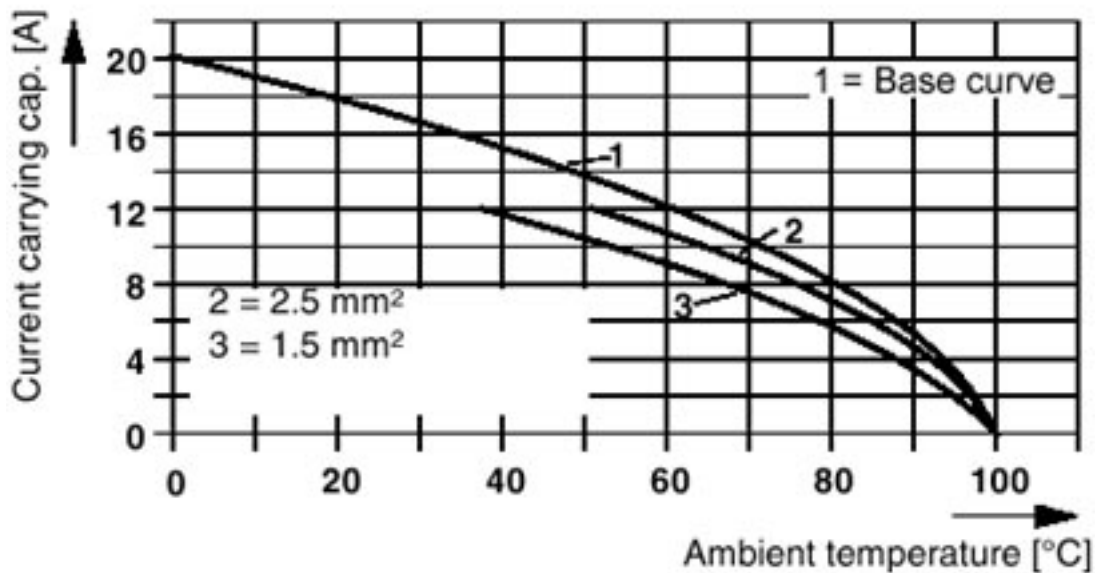
Plug: TMSTBP 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



### Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

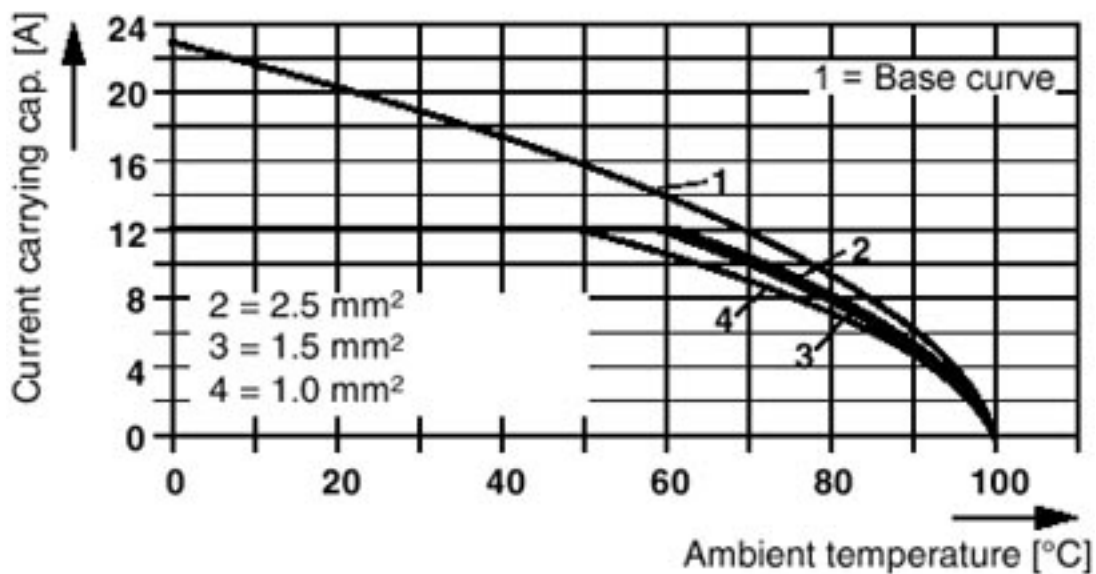
Diagram

Plug: FKC 2,5/5-ST(F)-5,08  
Header: MSTB(A) 2,5/5-G(F)-5,08



Diagram

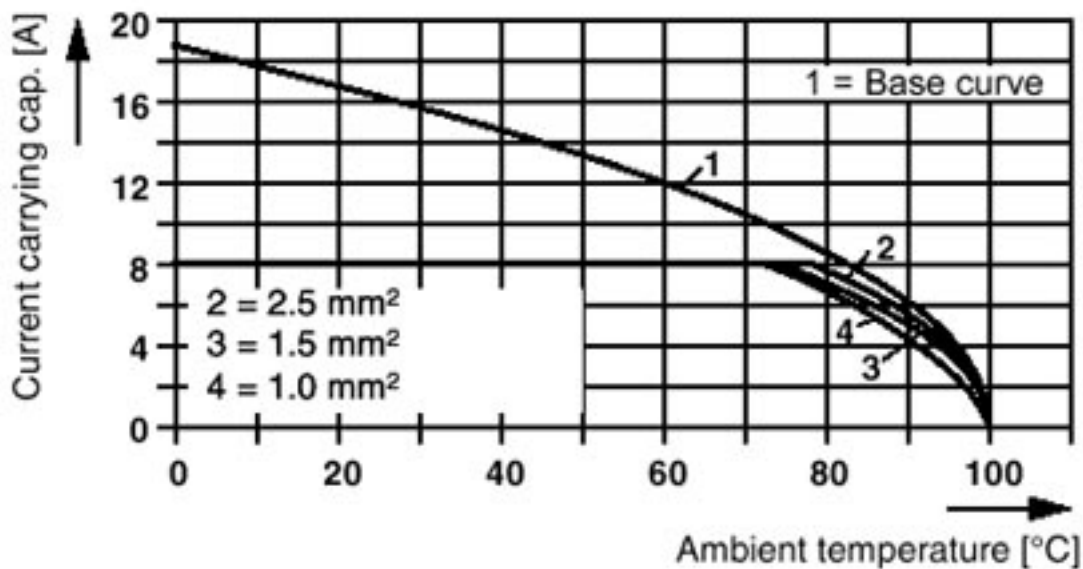
Plug: FKCVR(W) 2,5/5-ST(F)-5,08  
Header: MSTB(A) 2,5/5-G(F)-5,08



## Base strip - MSTBA 2,5/ 3-G-5,08 - 1757255

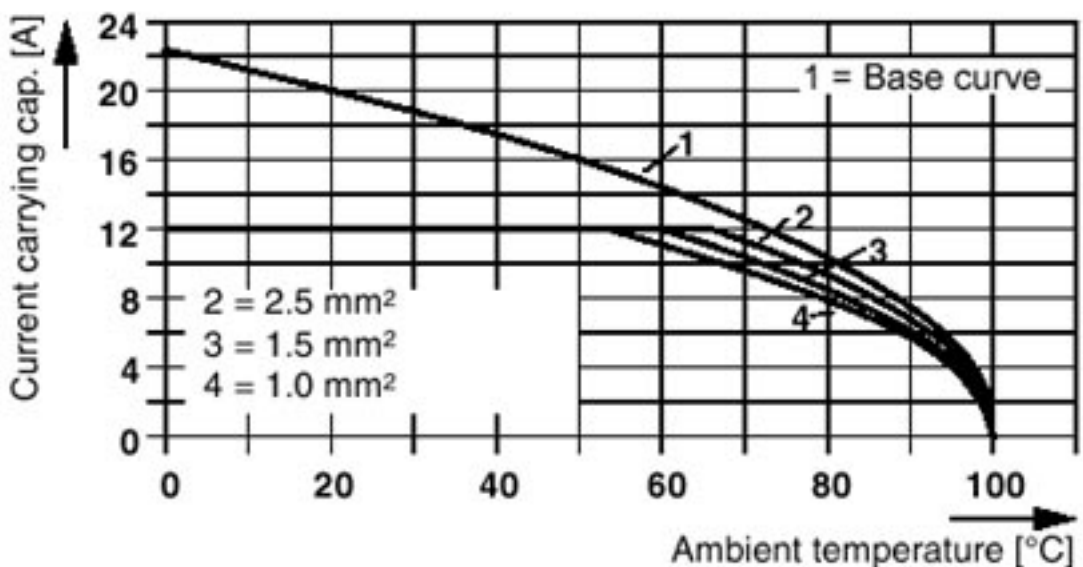
Diagram

Plug: MSTB 2,5/5-ST(F)-(-5,08)  
 Header: MSTBO 2,5/5-GR(L)-(-5,08)



Diagram

Plug: MSTB 2,5/5-ST(F)-(-5,08)  
 Header: MSTB(A) 2,5/5-G(F)-(-5,08)



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