

## Base strip - MSTBA 2,5/24-G-5,08 - 1757462

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Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



The figure shows a 10-position version of the product



### Key commercial data

Packing unit	50 pc
GTIN	 4 017918 029999
Weight per Piece (excluding packing)	9.62 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	12 mm
Pitch	5.08 mm
Dimension a	116.84 mm
Pin dimensions	1 x 1 mm
Hole diameter	1.4 mm

#### General

Range of articles	MSTBA 2,5/..-G
Insulating material group	IIIa
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

# Base strip - MSTBA 2,5/24-G-5,08 - 1757462

## Technical data

### General

Nominal current $I_N$	12 A
Maximum load current	12 A
Insulating material	PBT
Inflammability class according to UL 94	V0
Color	green
Number of positions	24

## 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

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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# Base strip - MSTBA 2,5/24-G-5,08 - 1757462

## Approvals

Approvals submitted

### Approval details

CSA

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

UL Recognized

	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

cUL Recognized

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

IECEE CB Scheme

Nominal current IN	12 A
Nominal voltage UN	250 V

## Base strip - MSTBA 2,5/24-G-5,08 - 1757462

### Approvals

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

EAC
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cULus Recognized 
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### 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

### Additional products

## Base strip - MSTBA 2,5/24-G-5,08 - 1757462

### Accessories

#### Plug - MSTBP 2,5/24-ST-5,08 - 1769696



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - MVSTBW 2,5/24-ST-5,08 - 1792977



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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#### Printed-circuit board connector - SMSTB 2,5/24-ST-5,08 - 1850631



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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#### Plug - MSTBU 2,5/24-ST-5,08-FL - 1824573



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

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#### Printed-circuit board connector - MSTBU 2,5/24-STD-5,08 - 1824340



Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

## Base strip - MSTBA 2,5/24-G-5,08 - 1757462

### Accessories

#### Printed-circuit board connector - MSTBC 2,5/24-STZ-5,08 - 1809721

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, 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 - MSTBC 2,5/24-ST-5,08 - 1809035

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, 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 2,5/24-ST-5,08 - 1792469

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



#### Base strip - IC 2,5/24-G-5,08 - 1786624

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



#### Base strip - ICV 2,5/24-G-5,08 - 1786161

Header, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Color: green, Contact surface: Tin, Mounting: Soldering



# Base strip - MSTBA 2,5/24-G-5,08 - 1757462

## Accessories

Plug - FRONT-MSTB 2,5/24-ST-5,08 - 1777507

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



Printed-circuit board connector - MSTB 2,5/24-ST-5,08 - 1757239

Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 24, Pitch: 5.08 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

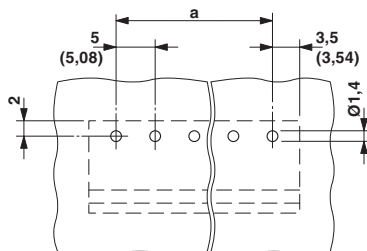


## Drawings

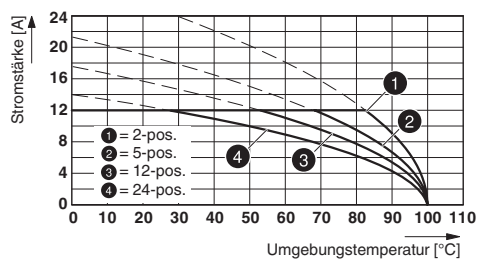
### Diagram

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

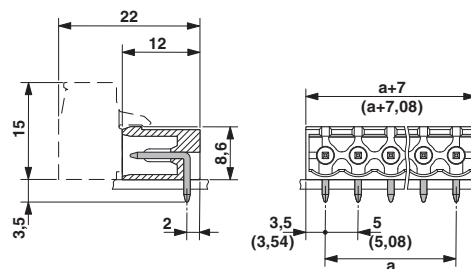
Drilling diagram



Diagram



Dimensioned drawing

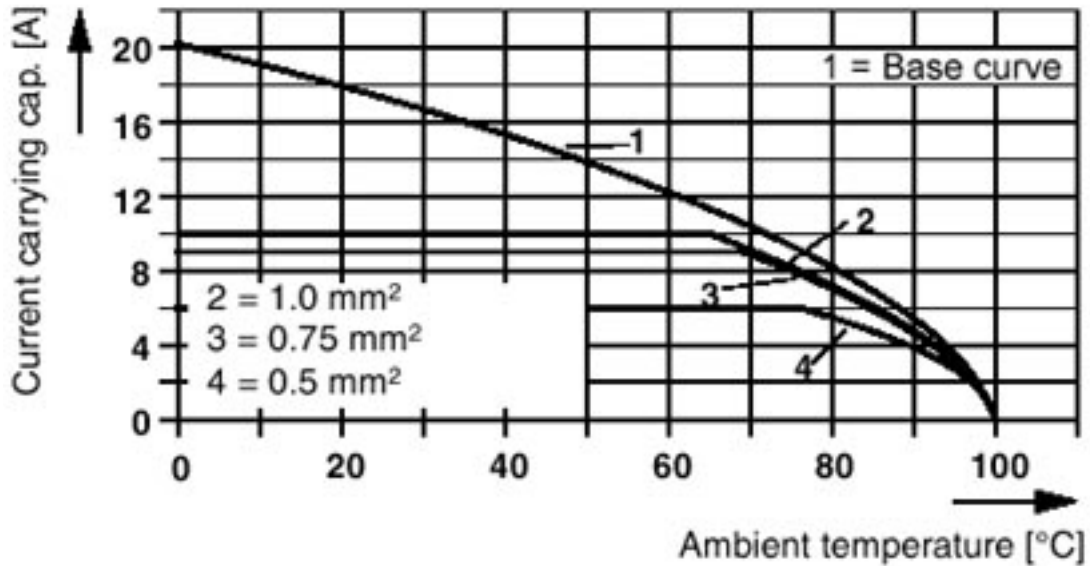


Type: ICV 2,5/..-G-5,08 with MSTBA 2,5/..-G-5,08

### Base strip - MSTBA 2,5/24-G-5,08 - 1757462

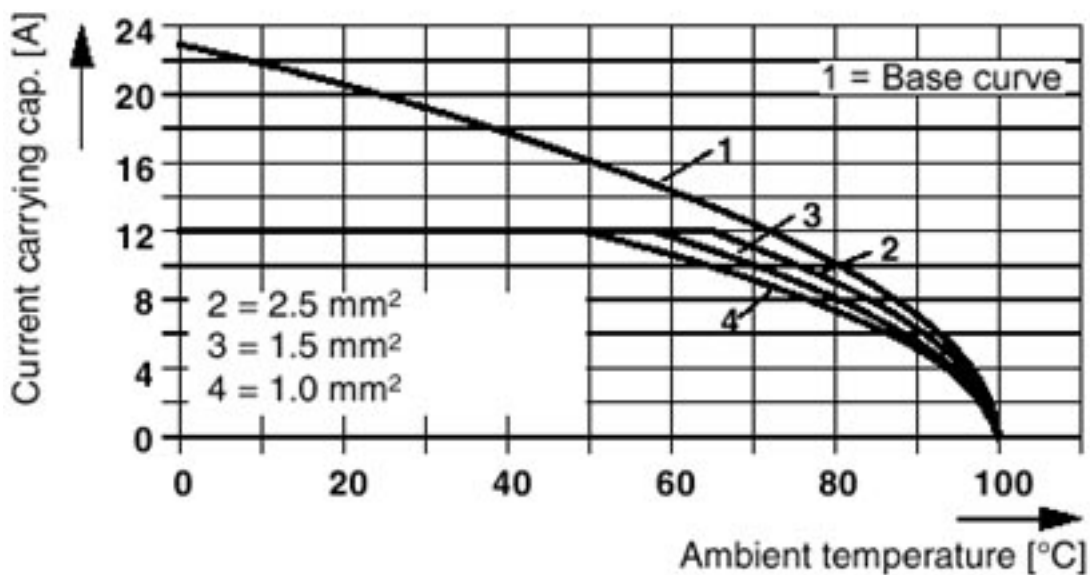
Diagram

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



Diagram

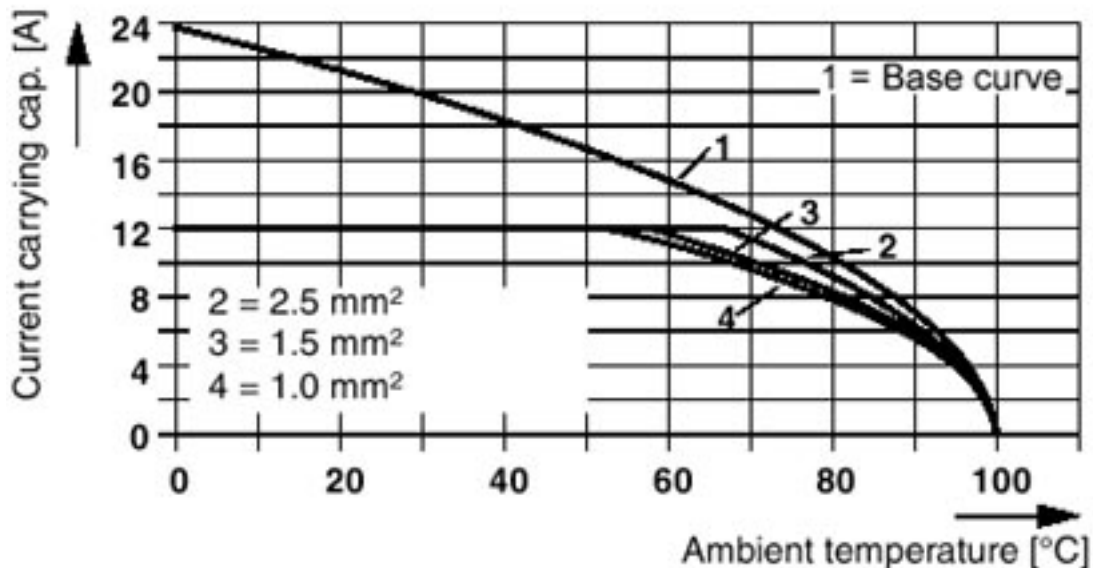
Plug: MSTBT 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



# Base strip - MSTBA 2,5/24-G-5,08 - 1757462

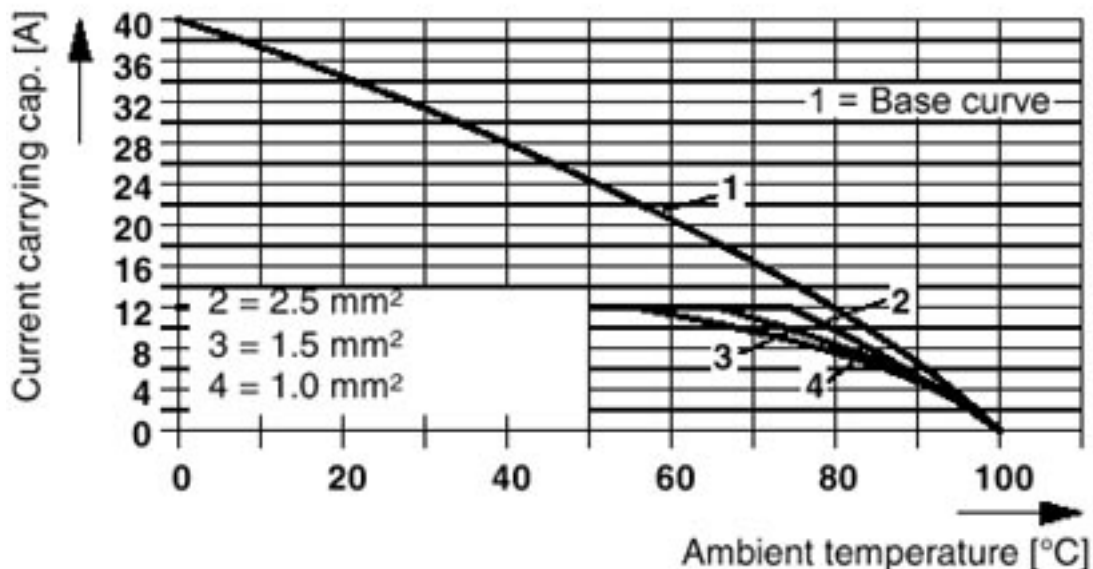
Diagram

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



Diagram

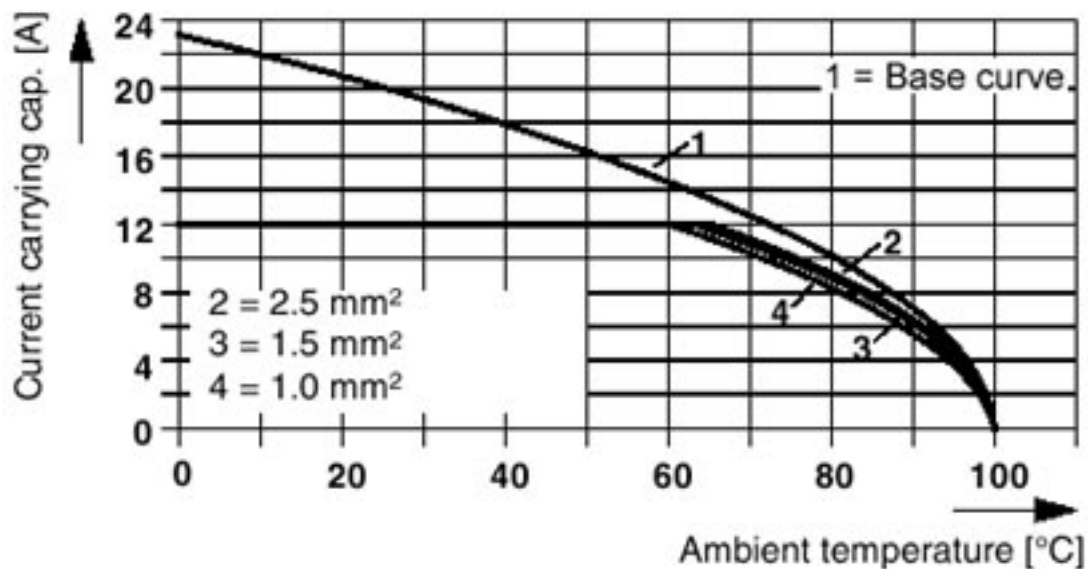
Plug: MVSTBR(W) 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



### Base strip - MSTBA 2,5/24-G-5,08 - 1757462

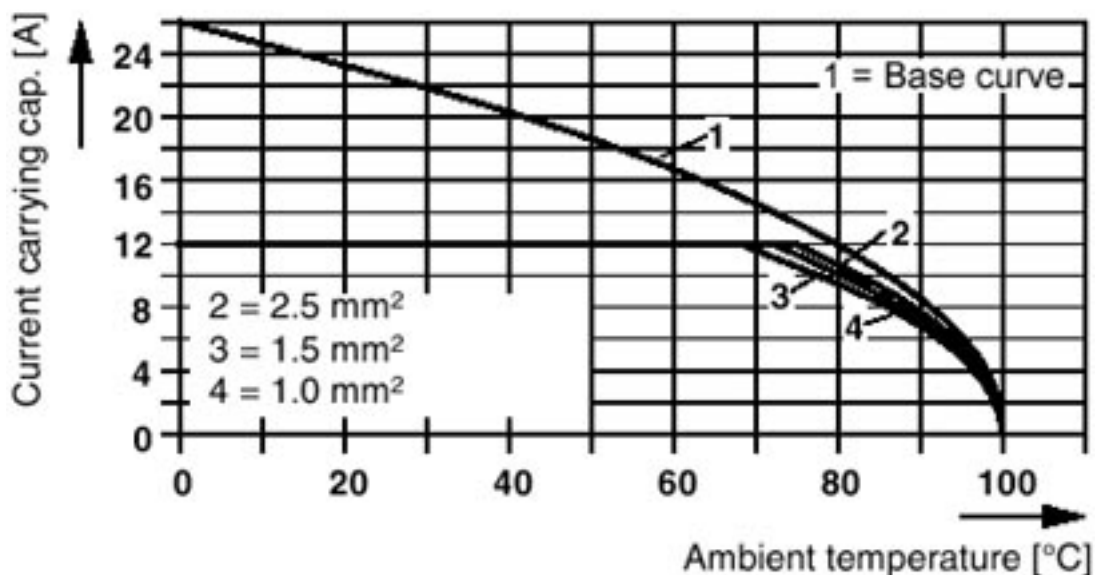
Diagram

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



Diagram

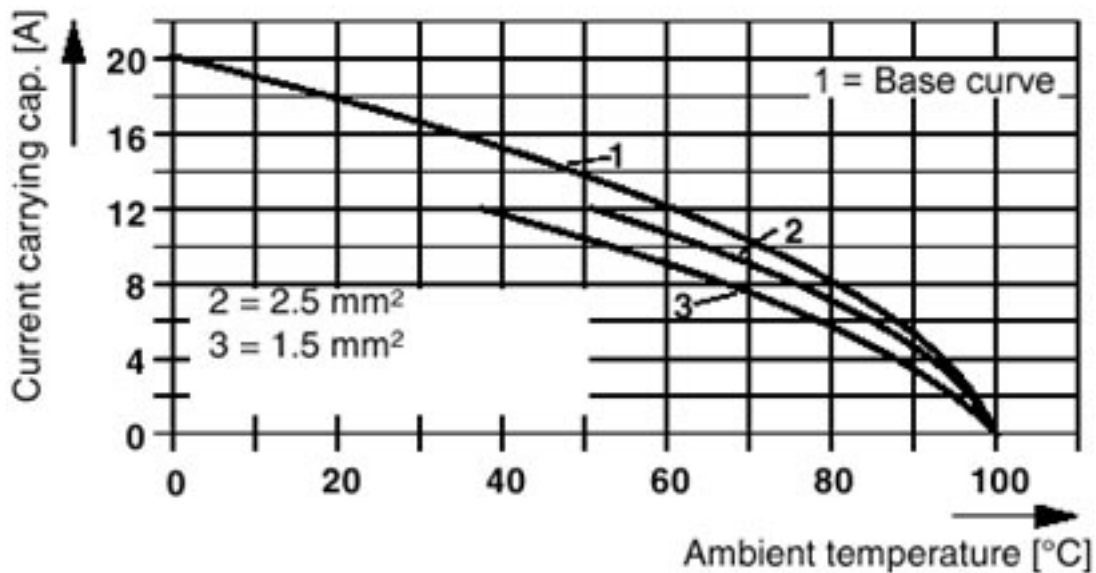
Plug: TMSTBP 2,5/5-ST(F)-(-5,08)  
Header: MSTB(A) 2,5/5-G(F)-(-5,08)



### Base strip - MSTBA 2,5/24-G-5,08 - 1757462

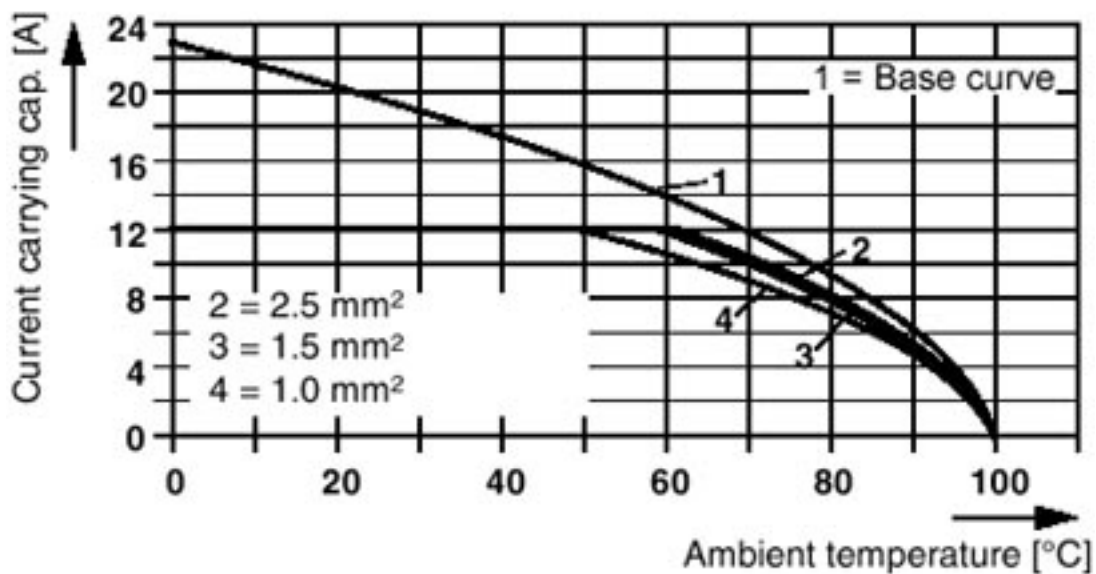
Diagram

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



Diagram

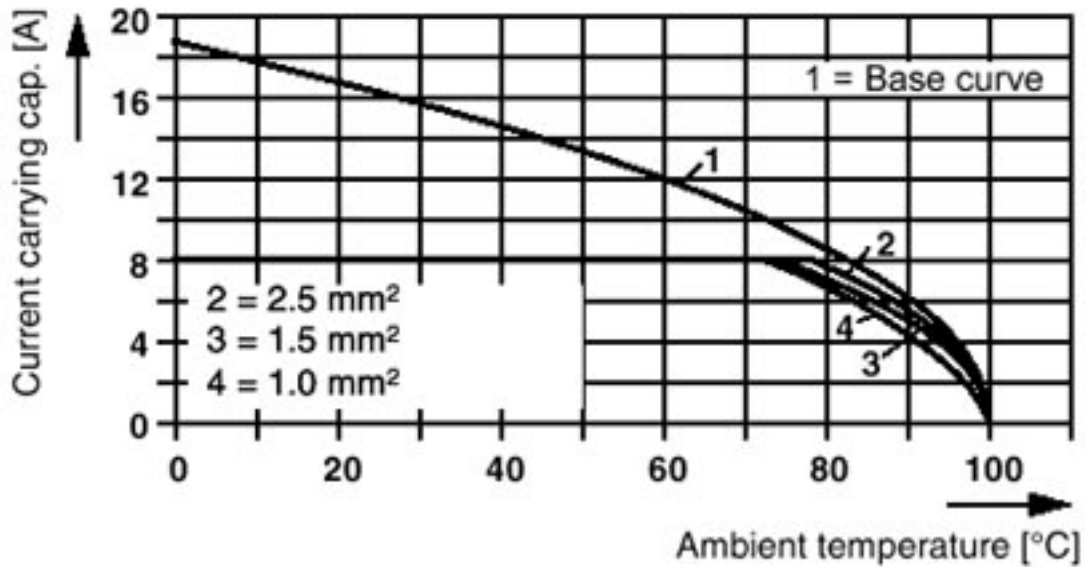
Plug: FKCVR(W) 2,5/5-ST(F)-5,08  
Header: MSTB(A) 2,5/5-G(F)-5,08



# Base strip - MSTBA 2,5/24-G-5,08 - 1757462

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)

