

## Base strip - MC 1,5/ 5-GF-3,81 - 1827897

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Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Color: green, Contact surface: Tin, Mounting: Soldering



The figure shows a 10-position version of the product

### Product Features

- ✓ Low-profile pin strips with compact pitches
- ✓ Plug-in direction parallel and vertical to the PCB
- ✓ Individual position coding by inserting coding profiles



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 050344
Weight per Piece (excluding packing)	2.6 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	9.2 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Width	29.44 mm
Constructional height	7.25 mm
Height	10.65 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8 mm

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### Technical data

#### Dimensions

Hole diameter	1.2 mm
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#### General

Range of articles	MC 1,5/...-GF
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Maximum load current	8 A
Insulating material	PBT
Flammability rating according to UL 94	V0
Color	green
Number of positions	5

#### 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

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## Classifications

### ETIM

ETIM 5.0	EC002637
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### 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 / IECCE CB Scheme / CCA / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

CSA 		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

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## Approvals

IECEE CB Scheme	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

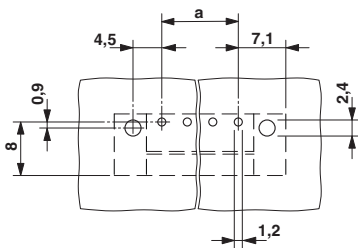
CCA	
Nominal current I <sub>N</sub>	8 A
Nominal voltage U <sub>N</sub>	160 V

EAC	
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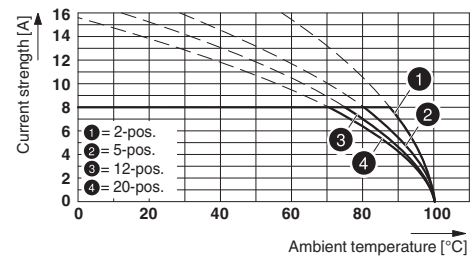
cULus Recognized		
	B	D
Nominal current I <sub>N</sub>	8 A	8 A
Nominal voltage U <sub>N</sub>	300 V	300 V

## Drawings

Drilling diagram



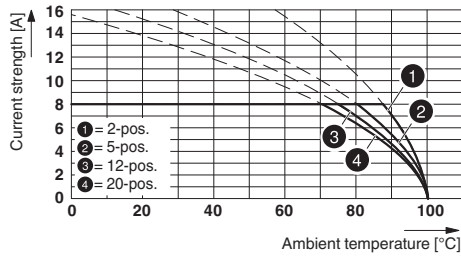
Diagram



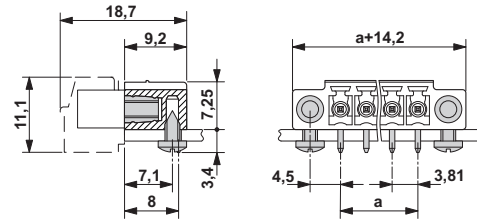
Type: MC 1,5/...-STF-3,81 with MC 1,5/...-GF-3,81

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Diagram



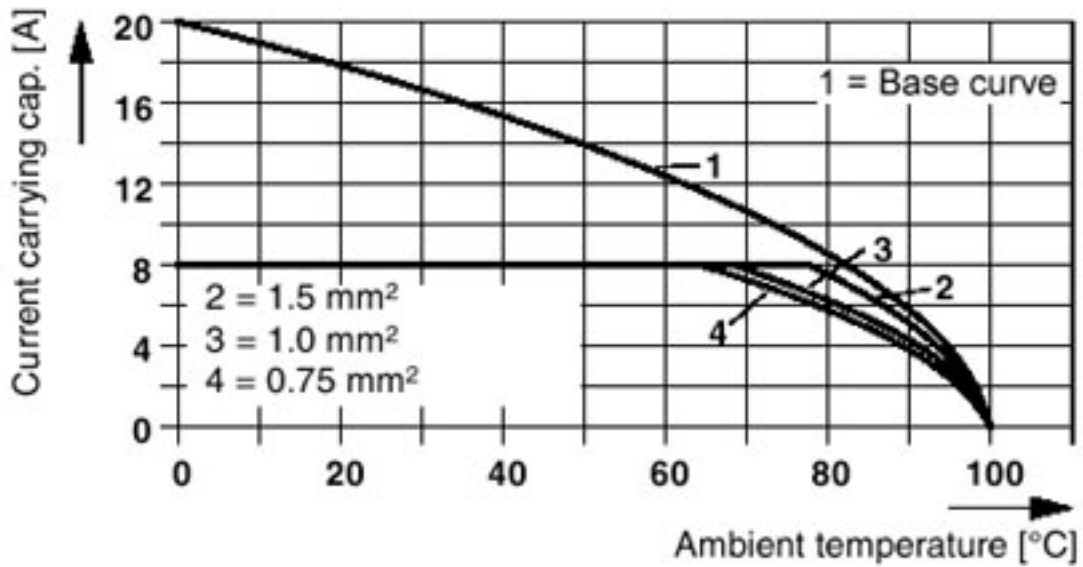
Dimensional drawing



Type: MC 1,5/...-STF-3,81 with MC 1,5/...-GF-3,81

Diagram

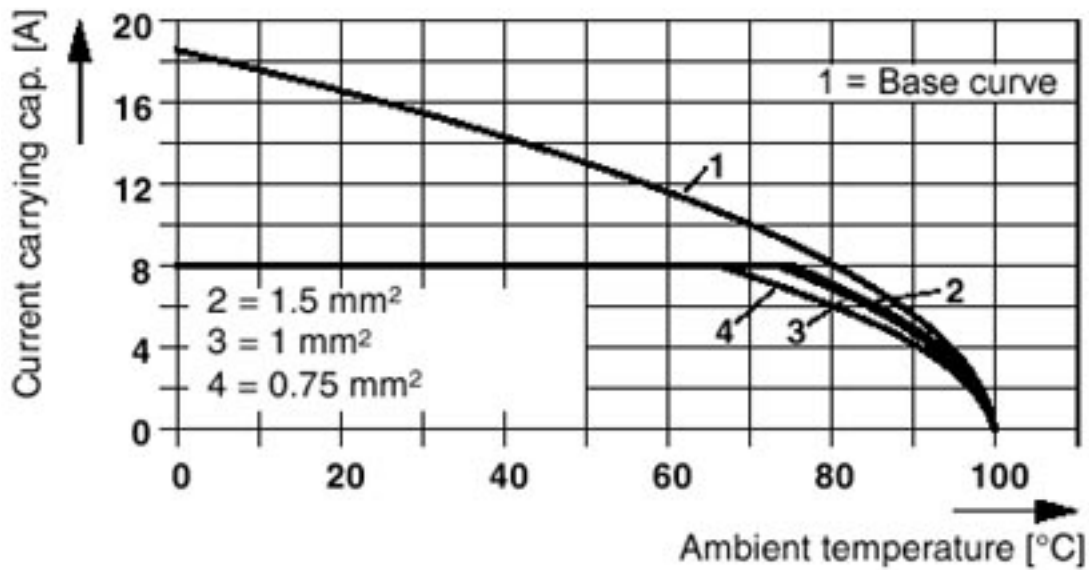
Plug: MC 1,5/5-ST(F)-3,81(3,5)  
Header: MC(V) 1,5/5-G(F)-3,81(3,5)



# Base strip - MC 1,5/ 5-GF-3,81 - 1827897

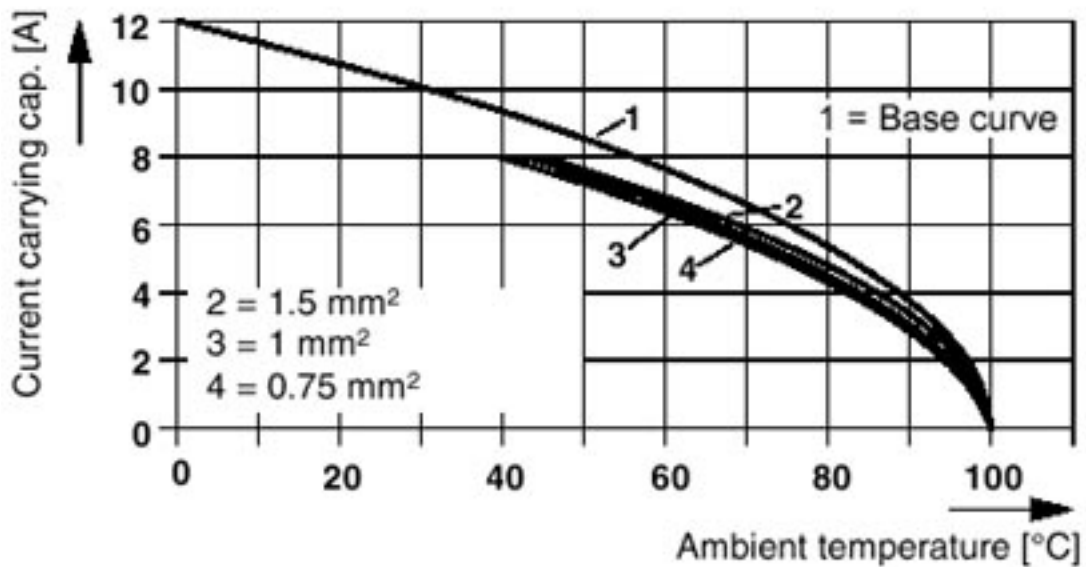
Diagram

Plug: FRONT-MC 1,5/5-ST(F)-3,81(3,5)  
Header: MC(V) 1,5/5-G(F)-3,81(3,5)



Diagram

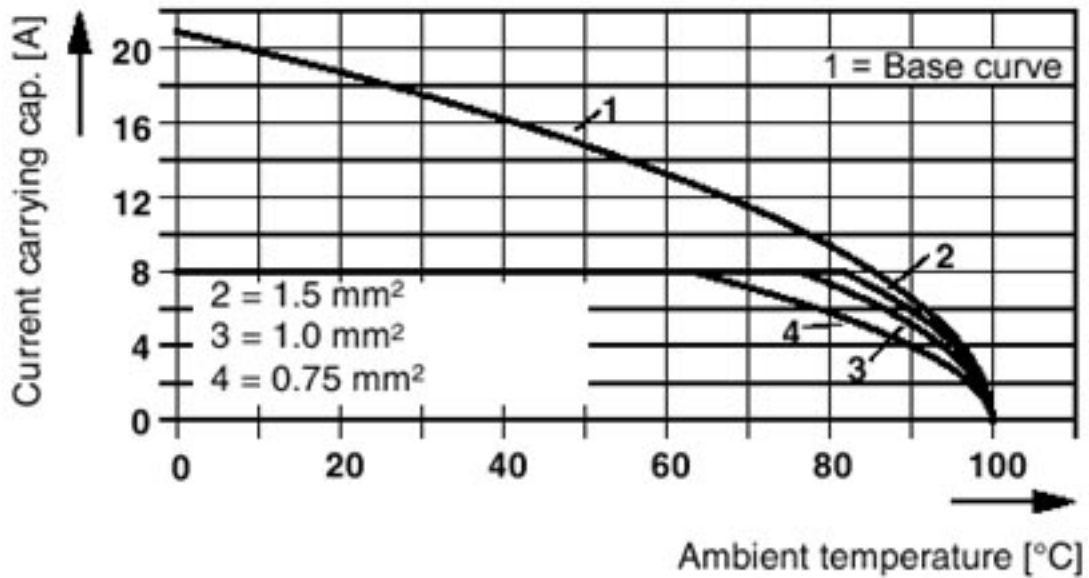
Plug: MCVR(W) 1,5/5-ST(F)-3,81(3,5)  
Header: MC(V) 1,5/5-G(F)-3,81(3,5)



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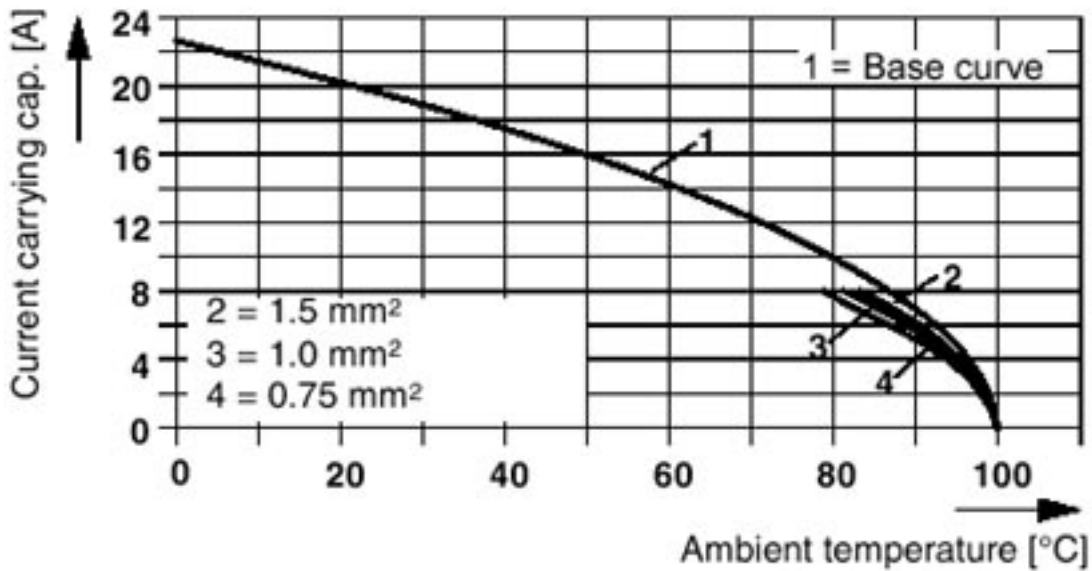
Diagram

Plug: IMC 1,5/5-ST(F)-3,81  
Header: MC(V) 1,5/5-G(F)-3,81



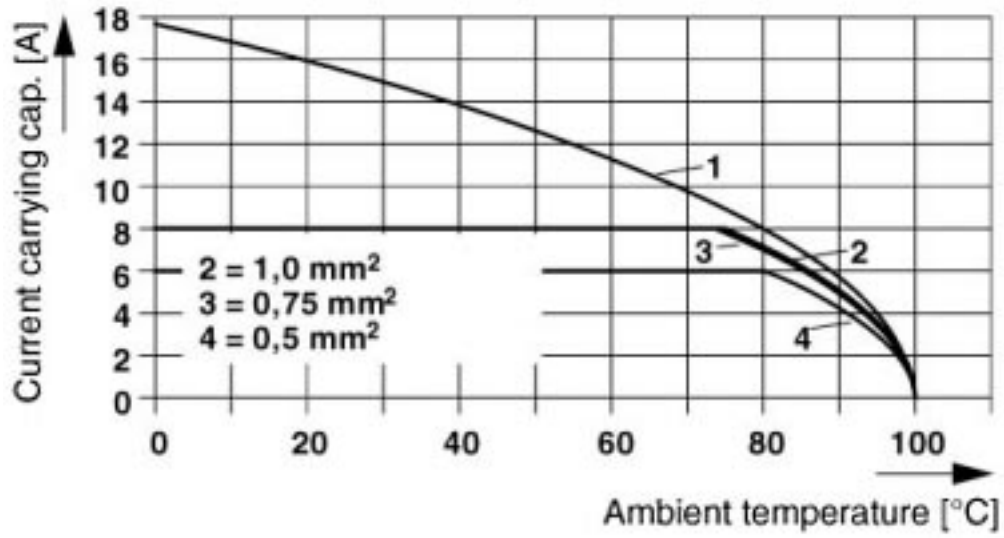
Diagram

Plug: FK-MCP 1,5/5-ST(F)-3,81  
Header: MC(V) 1,5/5-G(F)-3,81



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Diagram





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