

## Base strip - MCV 1,5/ 5-GF-3,81 - 1830622

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://phoenixcontact.com/download>)

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




The figure shows a 10-position version of the product

### Product Features

- Versions with engagement noses for locking plugs with self-locking flanges
- Low-profile pin strips with compact pitches



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 051273
Weight per Piece (excluding packing)	2.58 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	7.25 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.2 mm

#### General

Range of articles	MCV 1,5/...-GF
Insulating material group	IIIa

## Base strip - MCV 1,5/ 5-GF-3,81 - 1830622

### Technical data

#### General

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 <sub>N</sub>	8 A
Maximum load current	8 A
Insulating material	PBT
Inflammability class according to UL 94	V0
Color	green
Number of positions	5

### 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 - MCV 1,5/ 5-GF-3,81 - 1830622

## Approvals

### Approvals

---

#### Approvals

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

---


#### Ex Approvals


---


#### Approvals submitted

---

## Approval details

CSA 		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

UL Recognized 		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
Nominal current IN	8 A
Nominal voltage UN	160 V

# Base strip - MCV 1,5/ 5-GF-3,81 - 1830622

## Approvals

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

GOST	
------	--

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

GOST	
------	--

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

cULus Recognized	
------------------	--

## Accessories

Accessories

Coding element

## Base strip - MCV 1,5/ 5-GF-3,81 - 1830622

### Accessories

Coding profile - CP-MSTB - 1734634

Coding profile, is inserted into the slot on the plug or inverted header, red insulating material



---

### Labeled terminal marker

Marker cards - SK 3,81/2,8:FORTL.ZAHLEN - 0804109



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: 3.81 mm, Lettering field: 3.81 x 2.8 mm

---

### Additional products

Printed-circuit board connector - MC 1,5/ 5-STF-3,81 - 1827732

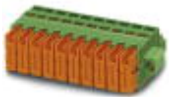
Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



---

Printed-circuit board connector - QC 0,5/ 5-STF-3,81 - 1897571

Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin



---

Printed-circuit board connector - MCC 1/ 5-STZF-3,81 - 1852396

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Crimp connection, Color: green, Corresponding female crimp contacts with current [A] and conductor cross section range [mm<sup>2</sup>] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

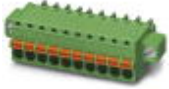


## Base strip - MCV 1,5/ 5-GF-3,81 - 1830622

### Accessories

---

#### Printed-circuit board connector - FK-MCP 1,5/ 5-STF-3,81 - 1851261



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - FRONT-MC 1,5/ 5-STF-3,81 - 1850880



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

#### Printed-circuit board connector - MCVR 1,5/ 5-STF-3,81 - 1828375



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

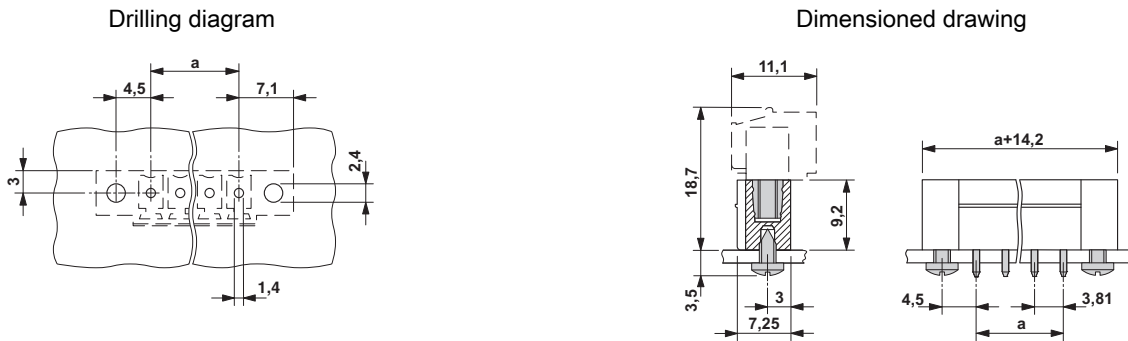
#### Printed-circuit board connector - MCVW 1,5/ 5-STF-3,81 - 1828524



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 5, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

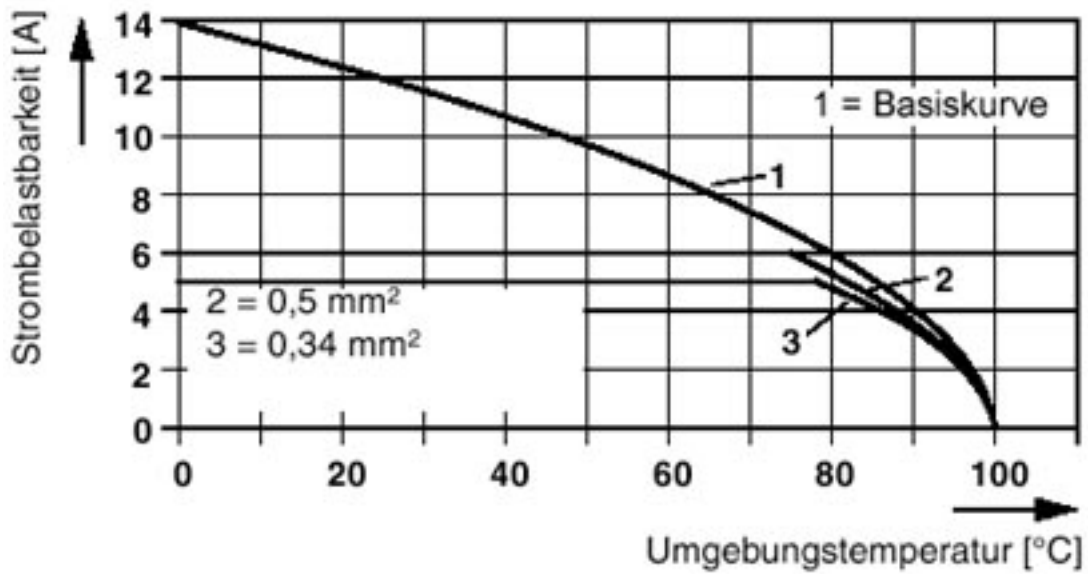
### Drawings

# Base strip - MCV 1,5/ 5-GF-3,81 - 1830622



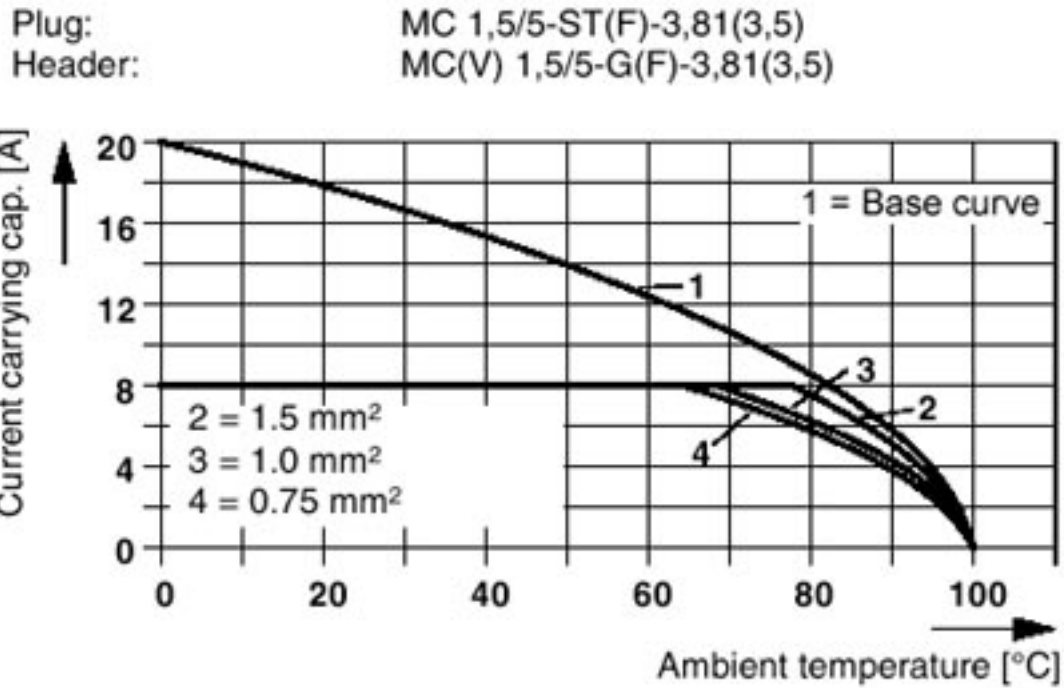
Diagram

Steckerteil: QC 0,5/5-ST(F)-3,81  
 Grundgehäuse: MC(V) 1,5/5-G(F)-3,81

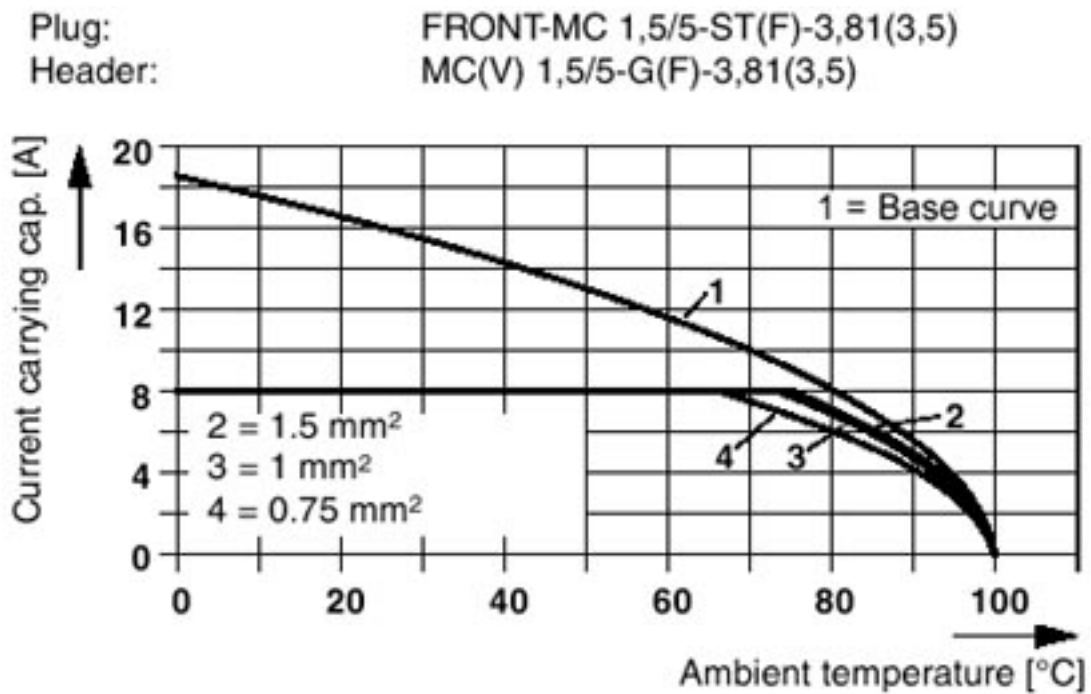


# Base strip - MCV 1,5/ 5-GF-3,81 - 1830622

Diagram



Diagram

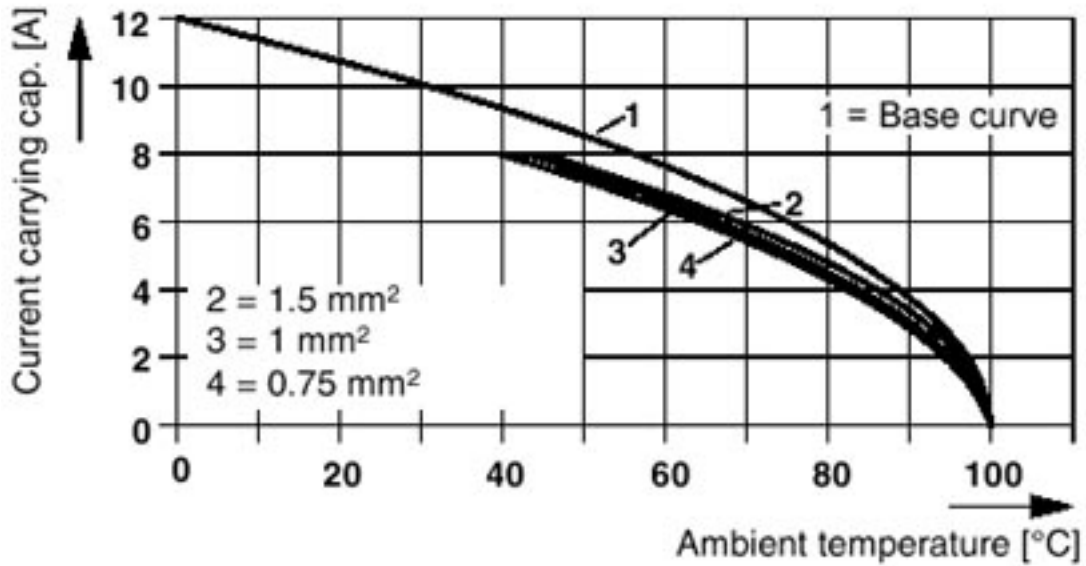




# Base strip - MCV 1,5/ 5-GF-3,81 - 1830622

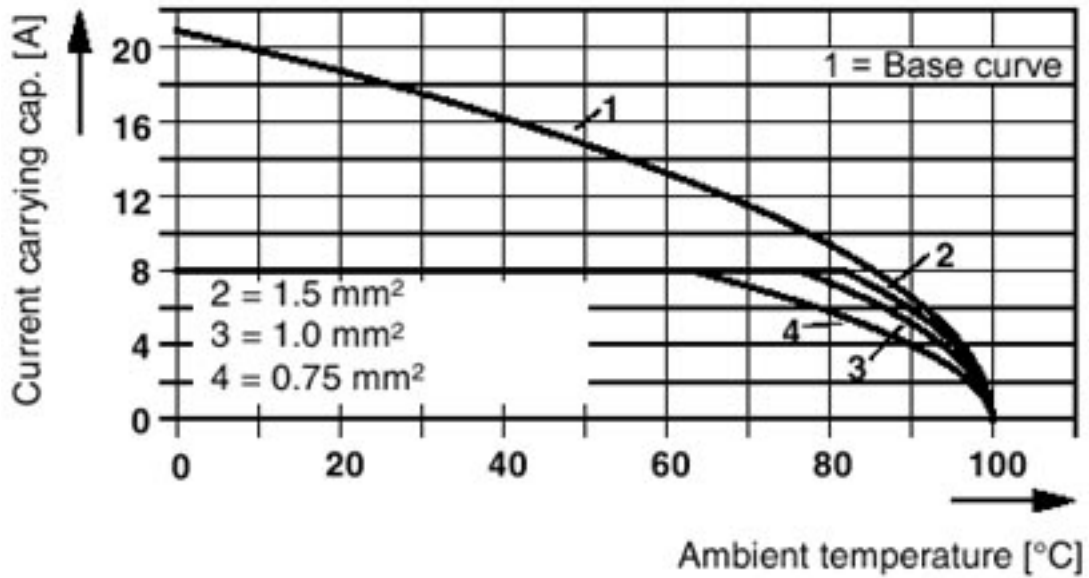
Diagram

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



Diagram

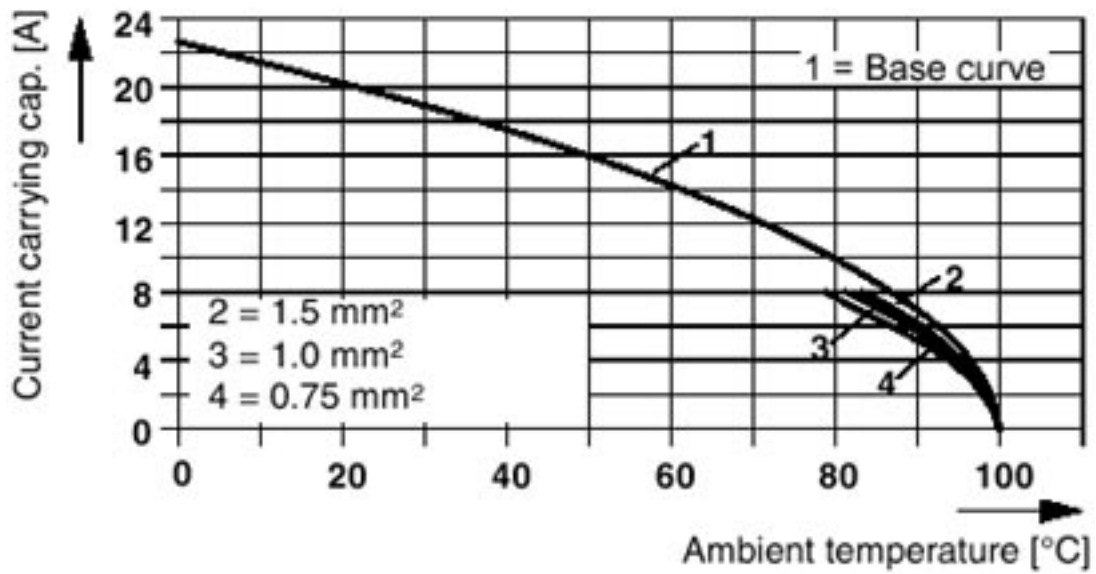
Plug: IMC 1,5/5-ST(F)-3,81  
Header: MC(V) 1,5/5-G(F)-3,81



# Base strip - MCV 1,5/ 5-GF-3,81 - 1830622

Diagram

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



Diagram

