

Base strip - MC 1,5/ 5-G-3,81 - 1803303

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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, 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
- ✓ Plug-in direction parallel and vertical to the PCB
- ✓ Individual position coding by inserting coding profiles

Key commercial data

package_quantity	250
GTIN	4017918045616

Technical data

Dimensions

Length	9.2 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	MC 1,5/...-G
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

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Technical data

General

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

approvals

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

Approval details

		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	8 A	8 A
mm ² /AWG/kcmil		

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approvals

UL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	8 A	8 A
mm²/AWG/kcmil		

VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	

cUL Recognized 		
Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	8 A	8 A
mm²/AWG/kcmil		

GOST 
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IECEE CB Scheme 	
Nominal voltage UN	160 V
Nominal current IN	8 A
mm²/AWG/kcmil	



CCA	
Nominal voltage UN	160 V

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approvals

Nominal current IN	8 A
mm²/AWG/kcmil	

cULus Recognized  US

accessories

Labeled terminal marker

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



Coding element

CP-MSTB - 1734634



Marker pen

B-STIFT - 1051993



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accessories

SK 3,81/2,8:UNBEDRUCKT - 0805399

SK 3,81/2,8:SO - 0805056



MC 1,5/10-LWL 1,5-3,81 - 1841174



MC 1,5/10-LWL 2,3-3,81 - 1841190



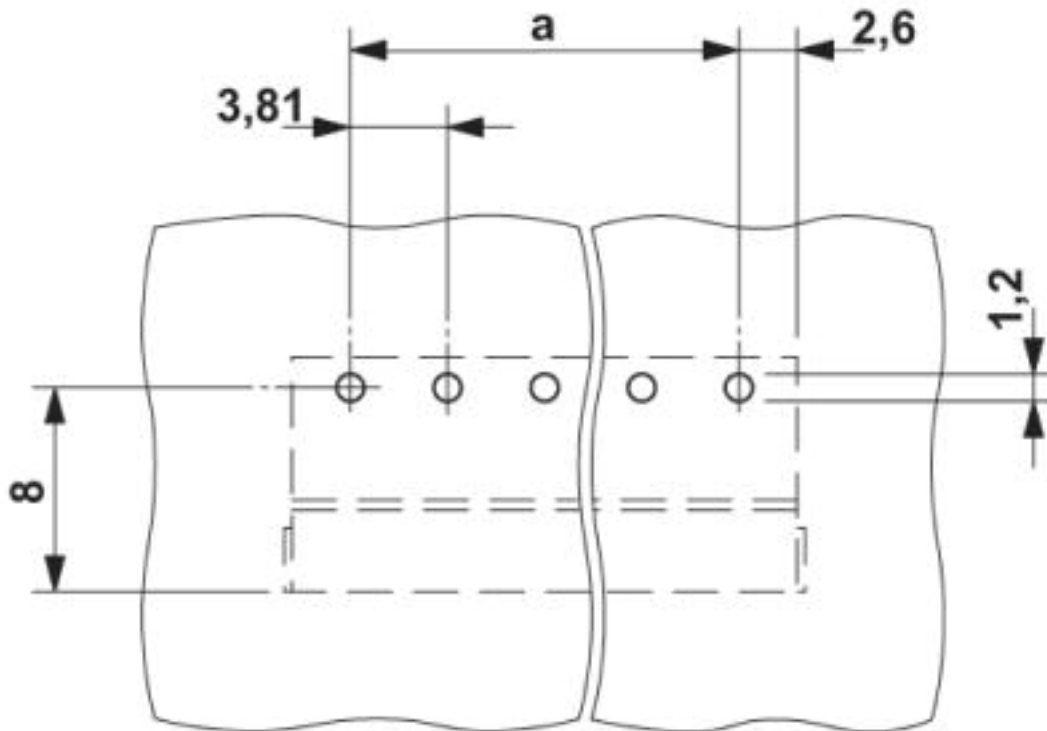
MC 1,5/10-LWL 4-3,81 - 1841213



Drawings

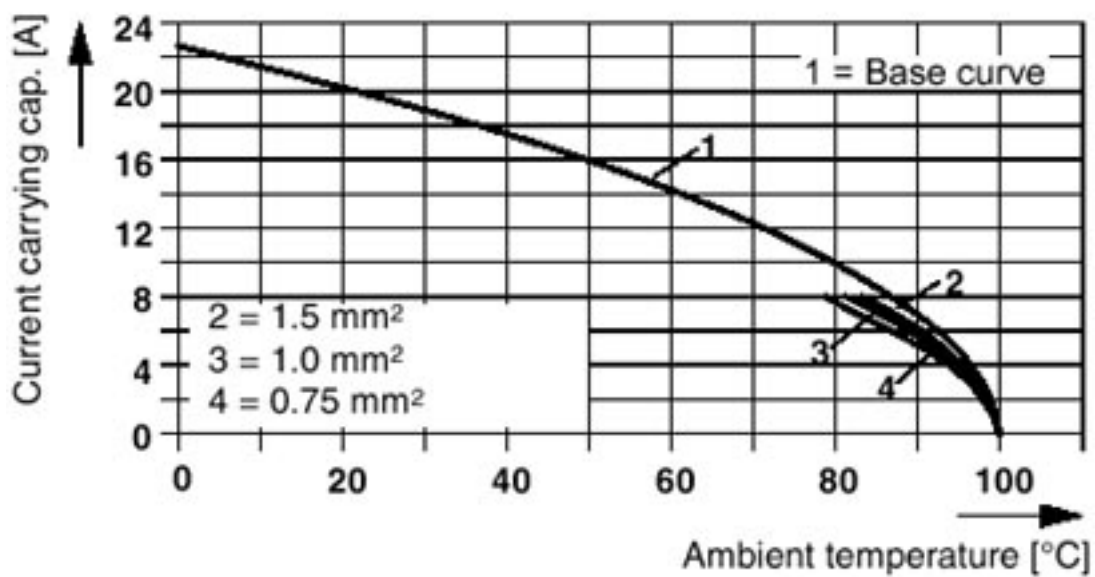
Base strip - MC 1,5/ 5-G-3,81 - 1803303

Drilling diagram



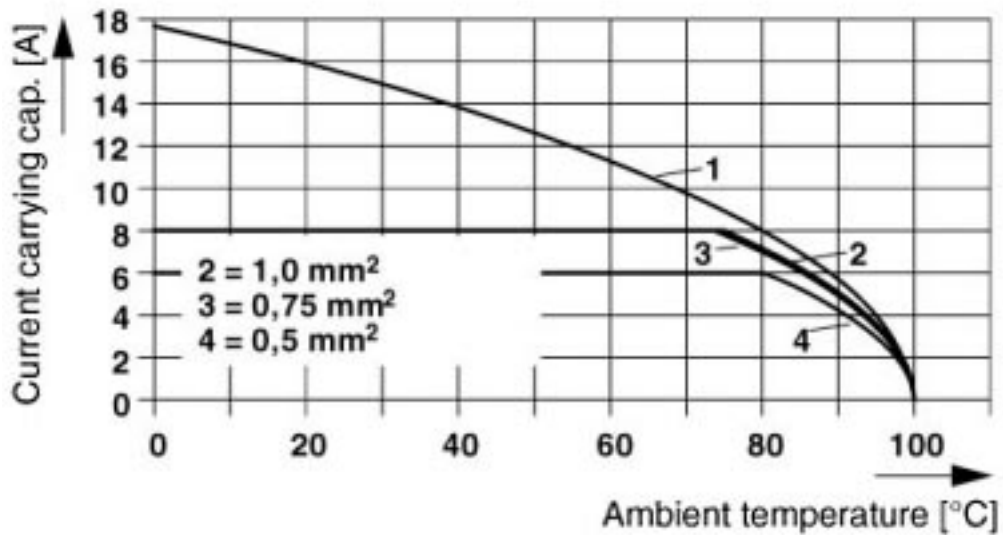
Diagram

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



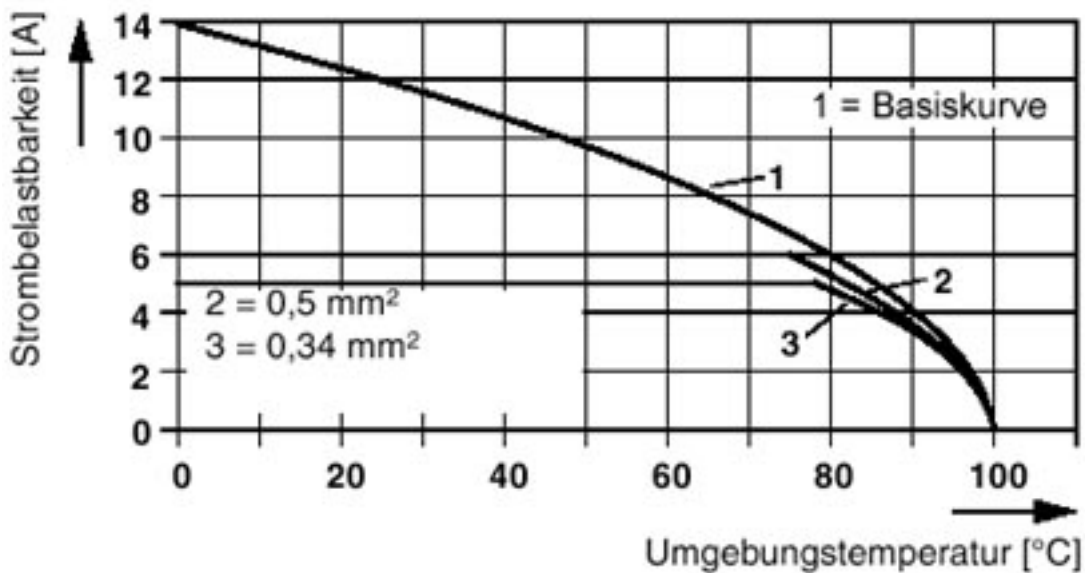
Base strip - MC 1,5/ 5-G-3,81 - 1803303

Diagram



Diagram

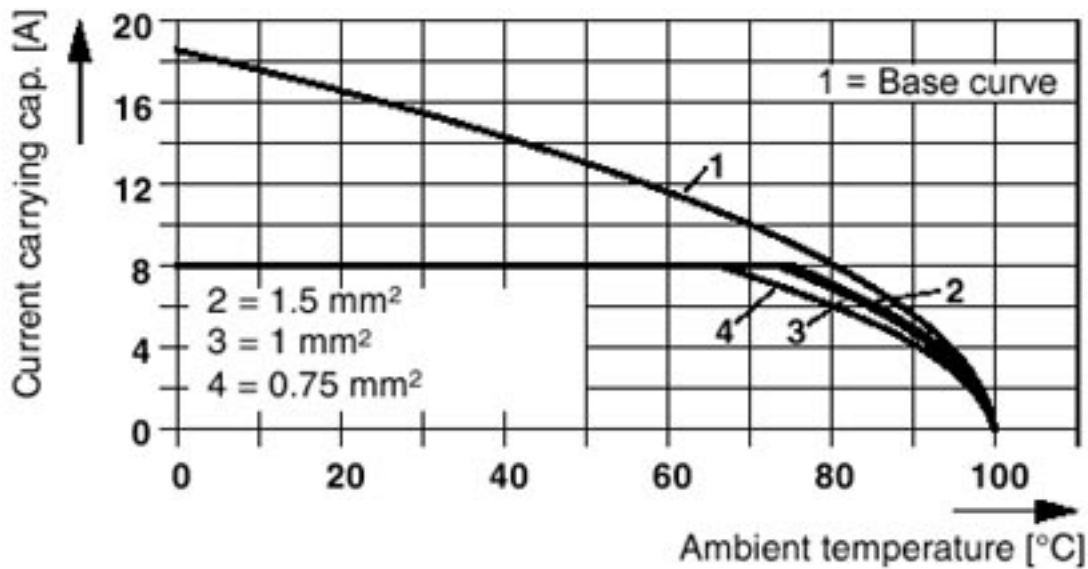
Steckerteil: QC 0,5/5-ST(F)-3,81
Grundgehäuse: MC(V) 1,5/5-G(F)-3,81



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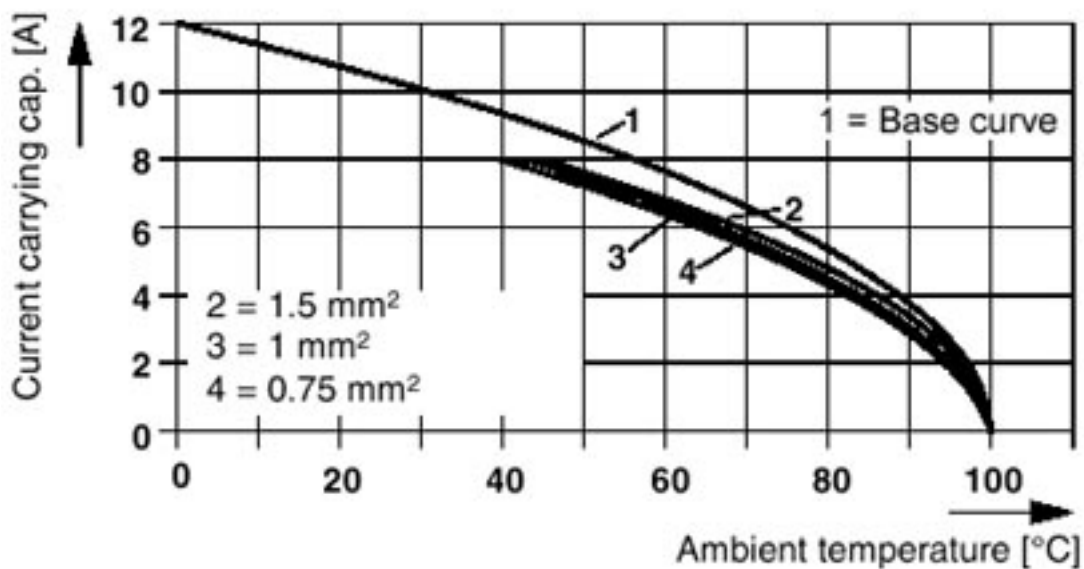
Diagram

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



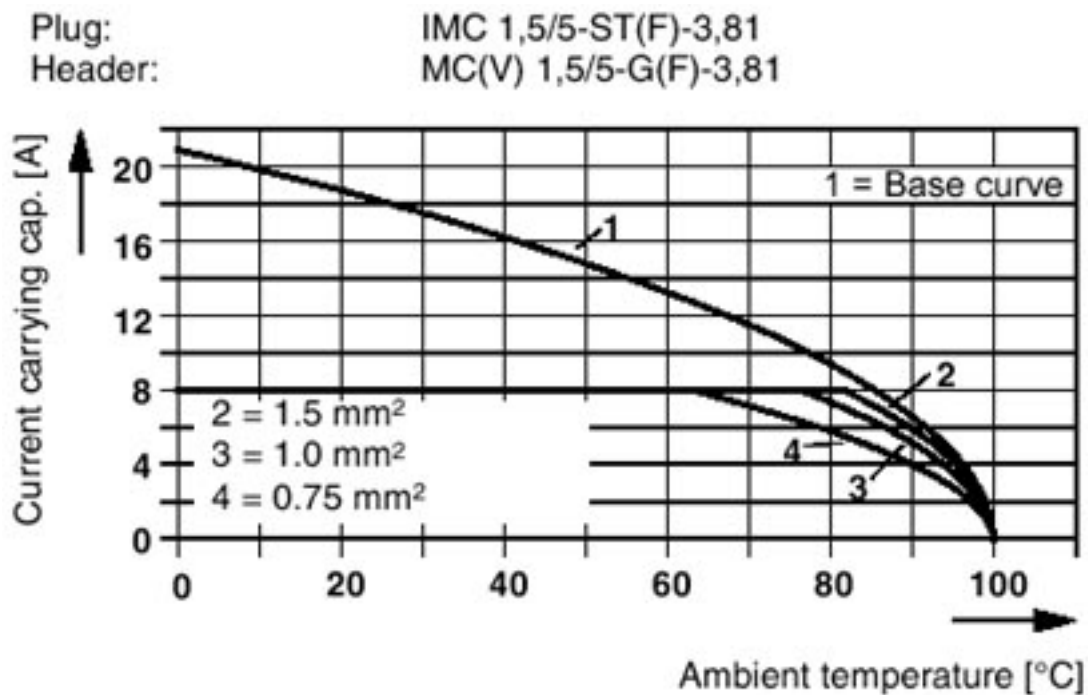
Diagram

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

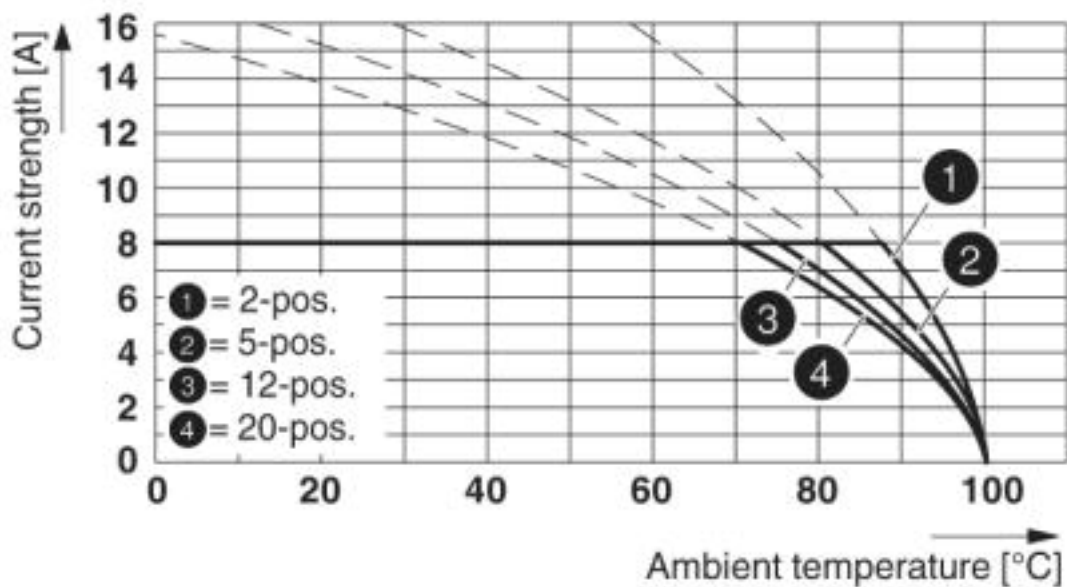


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Diagram



Diagram



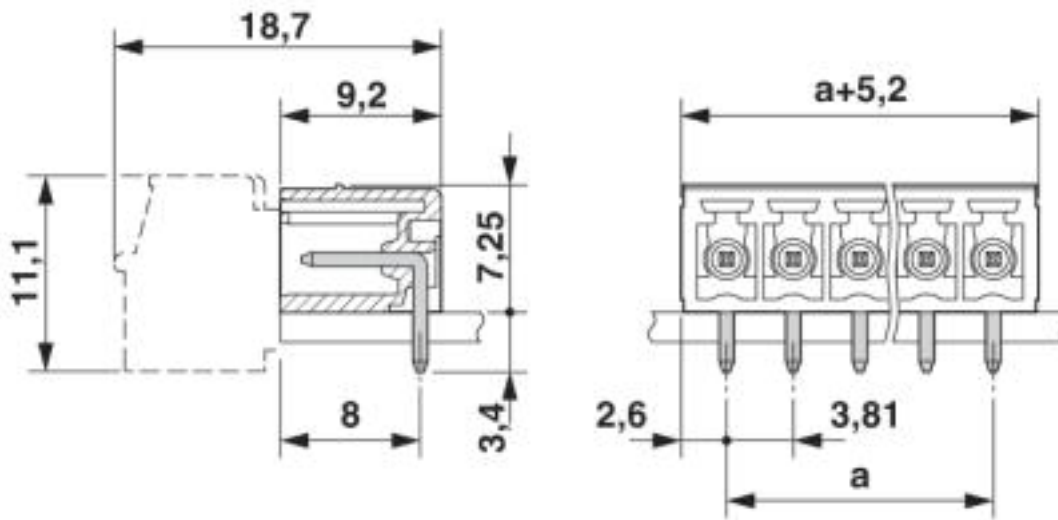
Type: MC 1,5/...-ST-3,81 with MC 1,5/...-G-3,81

Diagram

Type: IMC 1,5/...-G-3,81 with MC 1,5/...-G-3,81

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Dimensioned drawing



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