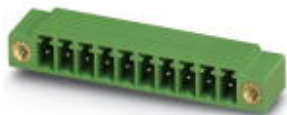


Base strip - MC 1,5/ 5-GF-3,81 - 1827897

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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: Wave soldering




The figure shows a 10-position version of the product

Why buy this product

- Well-known mounting principle allows worldwide use
- Screwable flange for superior mechanical stability
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	250 STK
GTIN	 4 017918 050344
GTIN	4017918050344
Weight per Piece (excluding packing)	2.260 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	6.9 mm
Height	10.3 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8
Hole diameter	1.2 mm

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

Technical data

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

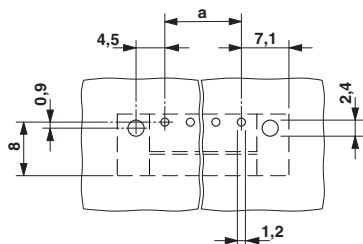
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

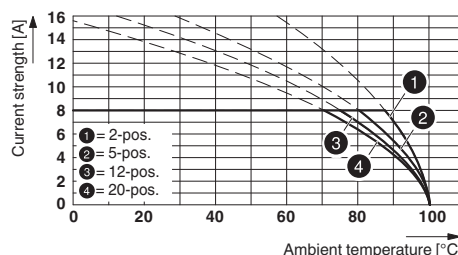
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram



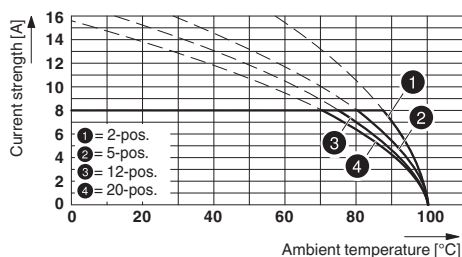
Diagram



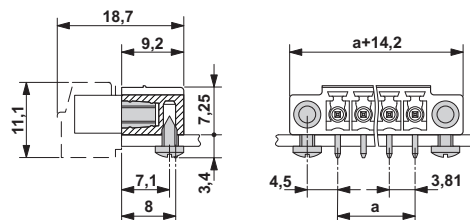
Type: MC 1,5/...-STF-3,81 with MC 1,5/...-GF-3,81

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

Diagram



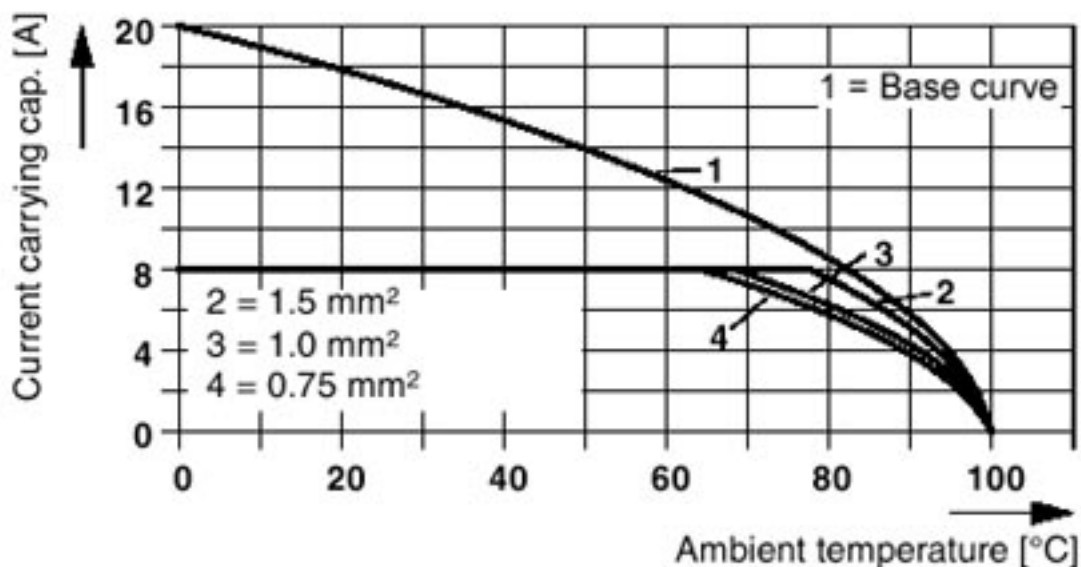
Dimensional drawing



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

Diagram

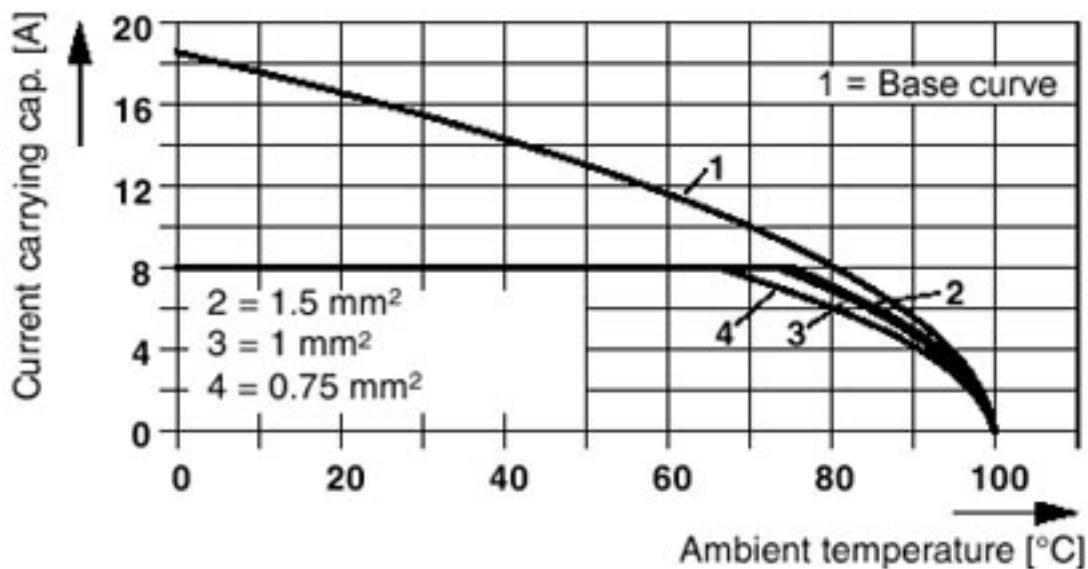
Plug: MC 1,5/5-ST(F)-3,81(3,5)
 Header: MC(V) 1,5/5-G(F)-3,81(3,5)



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

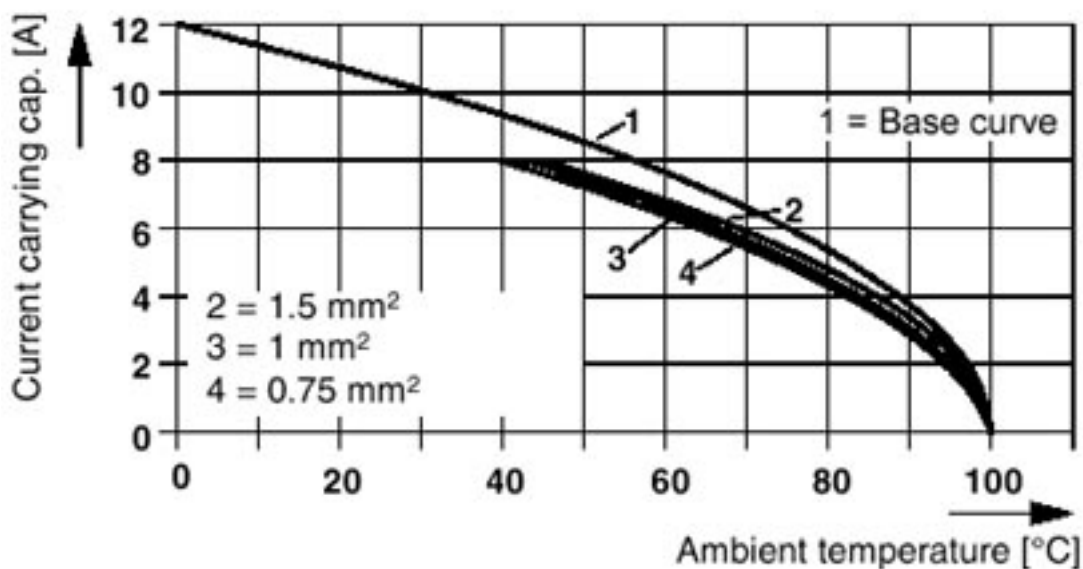
Diagram

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



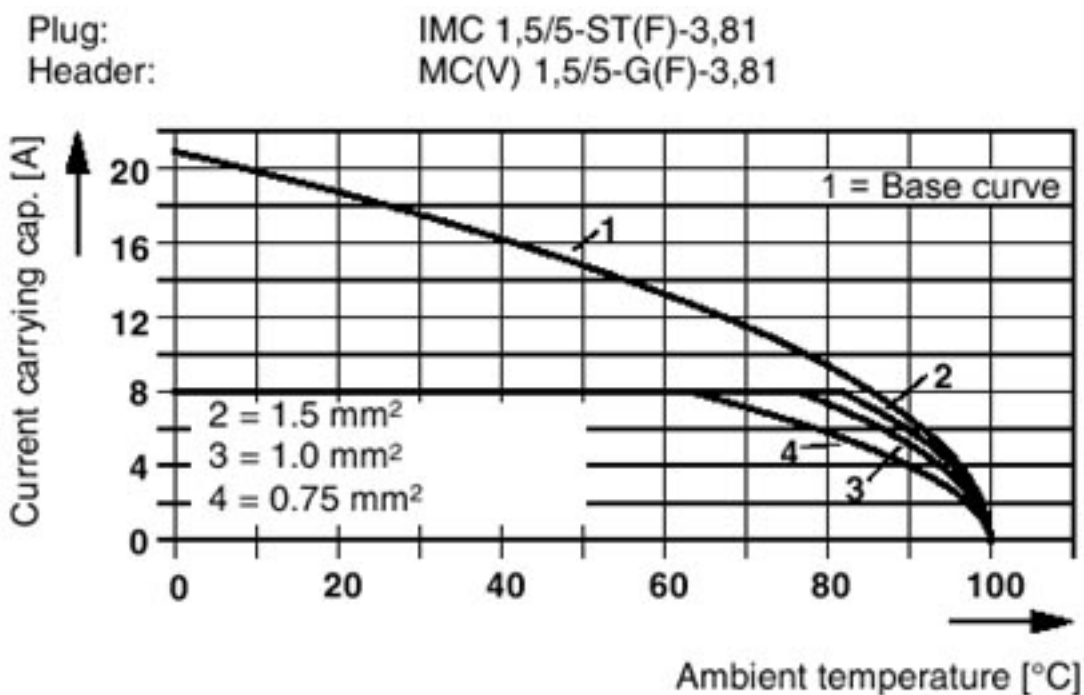
Diagram

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

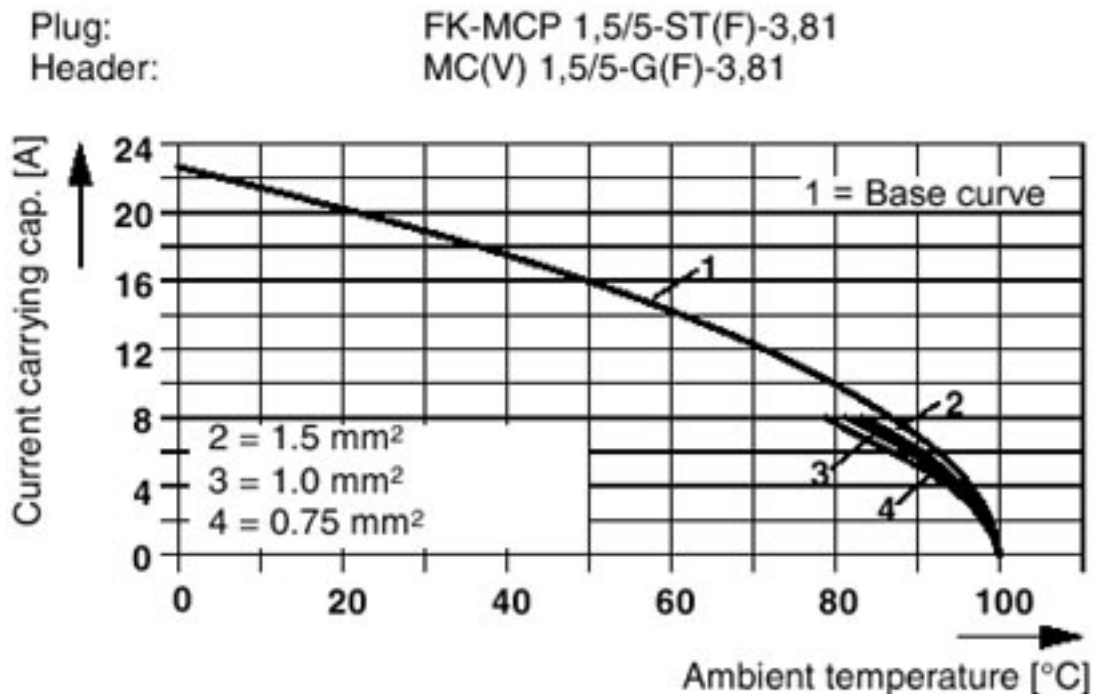


Base strip - MC 1,5/ 5-GF-3,81 - 1827897

Diagram

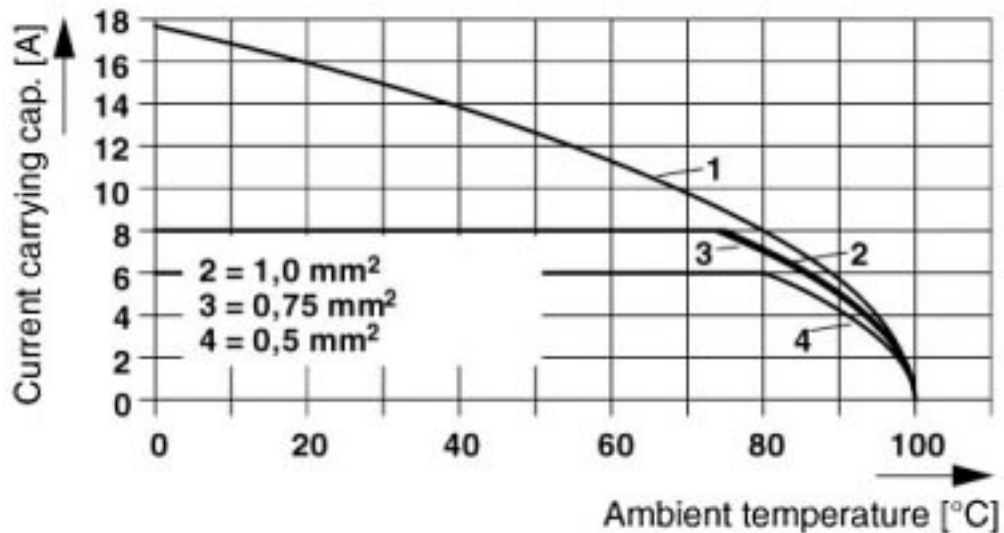


Diagram



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

Diagram



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
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637
ETIM 6.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

Approvals

Approvals

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

Approvals

Approvals

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

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
Nominal current IN	8 A	8 A	
Nominal voltage UN	300 V	300 V	

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40011723
Nominal current IN	8 A		
Nominal voltage UN	160 V		


IECEE CB Scheme		http://www.iecee.org/	DE1-56063-B1B2
Nominal current IN	8 A		
Nominal voltage UN	160 V		

CCA			CCA/ DE1 34219
Nominal current IN	8 A		
Nominal voltage UN	160 V		

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20110128
	B	D	
Nominal current IN	8 A	8 A	
Nominal voltage UN	300 V	300 V	

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

Approvals

EAC		B.01742
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Accessories

Accessories

Coding element

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



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: 3.81 mm, Lettering field: 3.81 x 2.8 mm

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



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



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

Accessories

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



Additional products

Printed-circuit board connector - FMC 1,5/ 5-STF-3,81 - 1748383



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

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 with tension sleeve, 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 with tension sleeve, 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 with tension sleeve, Color: green, Contact surface: Tin

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

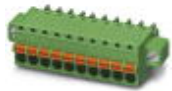
Accessories

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: Front screw connection, Color: green, Contact surface: Tin

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: Push-in spring connection, 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 [mm²] data: 5A/MCC-MT 0,2-0,35 (1859988); 8A/MCC-MT 0,5-1,0 (1859991)

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: Displacement connection, Color: green, Contact surface: Tin