

Base strip - MC 1,5/16-G-3,81 - 1803413

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Header, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, 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
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 045722
GTIN	4017918045722
Weight per Piece (excluding packing)	3.760 g
Custom tariff number	85366930
Country of origin	Germany

Technical data

Dimensions

Length [l]	9.2 mm
Pitch	3.81 mm
Dimension a	57.15 mm
Width [w]	62.35 mm
Constructional height	7.25 mm
Height [h]	10.65 mm
Length of the solder pin	3.4 mm
Pin dimensions	0,8 x 0,8
Hole diameter	1.2 mm

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Technical data

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
Flammability rating according to UL 94	V0
Color	green
Number of positions	16

Standards and Regulations

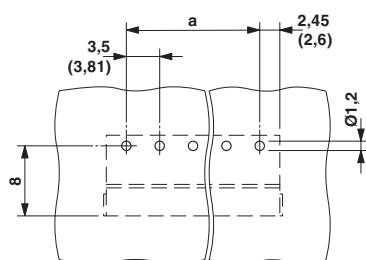
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

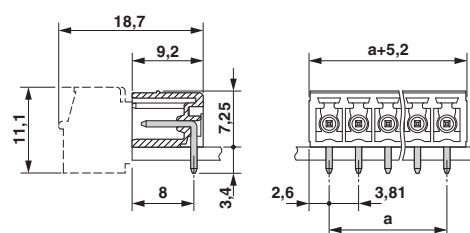
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

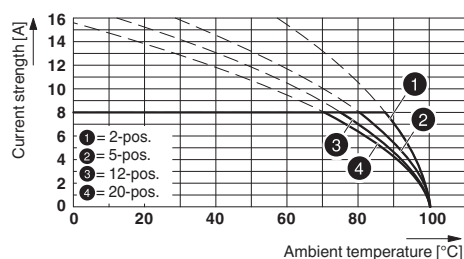


Dimensional drawing



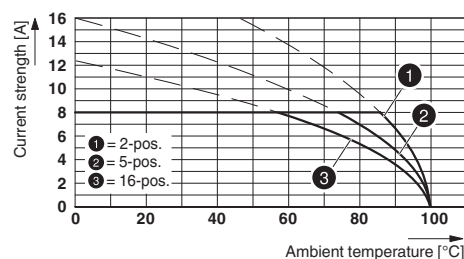
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Diagram



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

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

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CSA / VDE Gutachten mit Fertigungsüberwachung / IECEx CB Scheme / CCA / cULus Recognized / EAC

Ex Approvals

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Approvals

Approval details

CSA		13631
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	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 I _N		8 A	
Nominal voltage U _N		160 V	

IECEE CB Scheme		http://www.iecee.org/	DE1-58415-B1B2
Nominal current I _N		8 A	
Nominal voltage U _N		160 V	

CCA		CCA/ DE1 34219
Nominal current I _N		8 A
Nominal voltage U _N		160 V

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

EAC		B.01742
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Accessories

Accessories

Base strip - MC 1,5/16-G-3,81 - 1803413

Accessories

Coding element

Coding profile - CP-MSTB - 1734634



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

Fiber optics

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



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



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



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

Marker pen

Base strip - MC 1,5/16-G-3,81 - 1803413

Accessories

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Additional products

Printed-circuit board connector - FMC 1,5/16-ST-3,81 - 1748118



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Plug - MC 1,5/16-ST-3,81 - 1803714



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MCVW 1,5/16-ST-3,81 - 1827114



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Printed-circuit board connector - MCVR 1,5/16-ST-3,81 - 1827266



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Screw connection with tension sleeve, Color: green, contact surface: Tin

Base strip - MC 1,5/16-G-3,81 - 1803413

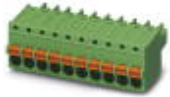
Accessories

Printed-circuit board connector - FRONT-MC 1,5/16-ST-3,81 - 1850806



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Front screw connection, Color: green, contact surface: Tin

Printed-circuit board connector - FK-MCP 1,5/16-ST-3,81 - 1851180



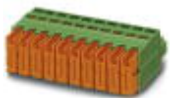
Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, connection method: Push-in spring connection, Color: green, contact surface: Tin

Printed-circuit board connector - MCC 1/16-STZ-3,81 - 1852312



Plug component, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, 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 0,5/16-ST-3,81 - 1897539



Plug component, nominal current: 6 A, rated voltage (III/2): 200 V, number of positions: 16, pitch: 3.81 mm, connection method: Displacement connection, Color: green, contact surface: Tin