

Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

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The figure shows a 10-position version of the product

Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

Why buy this product

- ✓ Outside: plug-in connection for corresponding plugs with 3.81 mm pitch
- ✓ Separate screw connection with the device/housing panel
- ✓ Headers for assembly in a device/housing panel
- ✓ Inside: optional solder or 2.8 mm slip-on plug-in connection



Key commercial data

Packing unit	50 pc
GTIN	 4 017918 051082
Weight per Piece (excluding packing)	6.03 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Pitch	3.81 mm
Dimension a	30.48 mm

General

Range of articles	DFK-MC 1,5/..-GF
Insulating material group	I
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

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Technical data

General

Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Number of positions	9

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	28
Conductor cross section AWG/kcmil max	16

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402

ETIM

ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

UNSPSC

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

Approvals

Approvals

Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

Approvals

Approvals

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

Ex Approvals

Approvals submitted

Approval details

CSA 	
Nominal current I _N	8 A
Nominal voltage U _N	150 V

UL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

VDE Gutachten mit Fertigungsüberwachung 	
mm ² /AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

cUL Recognized 		
	B	D
Nominal current I _N	8 A	8 A
Nominal voltage U _N	300 V	300 V

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Approvals

IECEE CB Scheme 	
mm²/AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

CCA	
mm²/AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V

EAC

cULus Recognized 
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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

Mounting material

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Accessories

Screw set - DFK-MC SS - 0710015



Screw set, for securing the header to the housing wall, consists of M2 x 8 screw, spring washer and nut, 1 piece each

Screwdriver tools

Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

Additional products

Printed-circuit board connector - MCVW 1,5/ 9-STF-3,81 - 1828566



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/ 9-STF-3,81 - 1850929



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 0,5/ 9-STF-3,81 - 1897610



Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Insulation displacement connection QUICKON, Color: green, Contact surface: Tin

Base strip - DFK-MC 1,5/ 9-GF-3,81 - 1829400

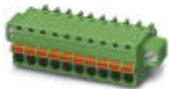
Accessories

Printed-circuit board connector - MCC 1/ 9-STZF-3,81 - 1852435



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, 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 - FK-MCP 1,5/ 9-STF-3,81 - 1851300



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCVR 1,5/ 9-STF-3,81 - 1828414



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

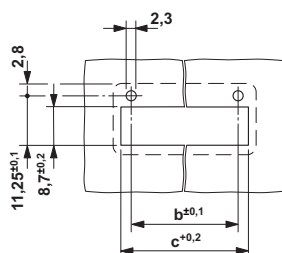
Printed-circuit board connector - MC 1,5/ 9-STF-3,81 - 1827774



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 3.81 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

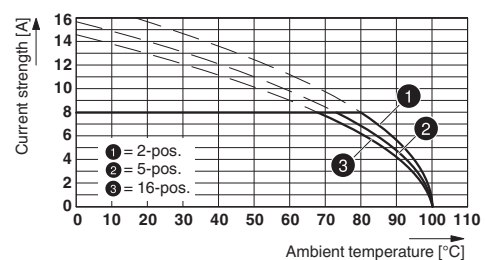
Drawings

Drilling diagram



Dimension b: 6.19 mm + (no. of pos. x 3.81 mm)
Dimension c: Dim. b + 4.7 mm

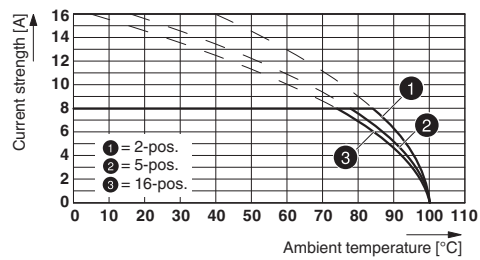
Diagram



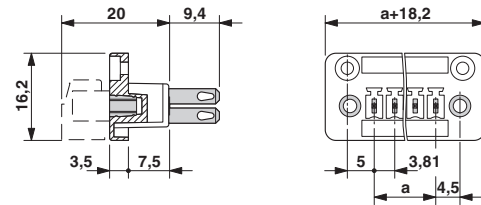
Type: MC 1,5/...-STF-3,81 with DFK-MC 1,5/...-GF-3,81 (with flat plug)

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Diagram



Dimensioned drawing



Type: MC 1,5/...-STF-3,81 with DFK-MC 1,5/...-GF-3,81 (with solder connection)