

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

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://download.phoenixcontact.com>)



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, Assembly: Direct mounting

The figure shows a 10-position version of the product

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	1
Minimum order quantity	50
Catalog page	Page 226 (CC-2011)
GTIN	 4 017918 051082
Custom tariff number	85366990
Country of origin	POLAND

Technical data

Dimensions / positions

Pitch	3.81 mm
Dimension a	30.48 mm
Number of positions	9

Technical data

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/2)	160 V

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

Technical data

Technical data

Rated voltage (U/I/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	8 A
Nominal voltage U _N	160 V
Nominal cross section	1.5 mm ²
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	8 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	8 A

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

eClass

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

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

Approvals

Approvals


Approvals


CSA / UL Recognized / VDE report with production monitoring / cUL Recognized / GOST / IECCEB Scheme / GOST / cULus Recognized


Ex Approvals


Approvals submitted

Approval details

CSA 		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	150 V	150 V

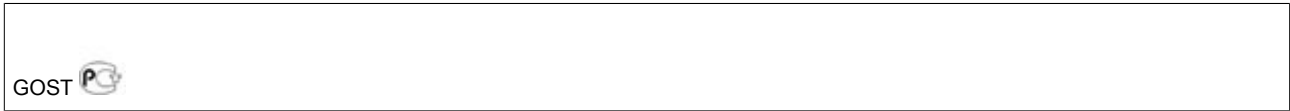
UL Recognized 		
	B	D
Nominal current IN	8 A	8 A
Nominal voltage UN	300 V	300 V

VDE report with production monitoring 	
mm ² /AWG/kcmil	0.2-1.5
Nominal current IN	8 A
Nominal voltage UN	160 V

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

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

Approvals



IECEE CB Scheme	
mm ² /AWG/kcmil	0.2-1.5
Nominal current I _N	8 A
Nominal voltage U _N	160 V



Accessories

Accessories

Assembly

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

Marking

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

Plug/Adapter

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

Accessories

Coding profile - CP-MSTB - 1734634



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

Tools

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



Screwdriver, bladed, 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 conn., 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



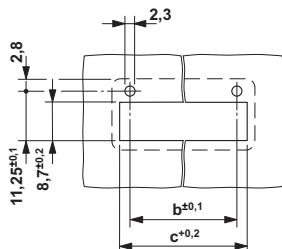
Printed-circuit board connector - MC 1,5/ 9-STF-3,81 - 1827774

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

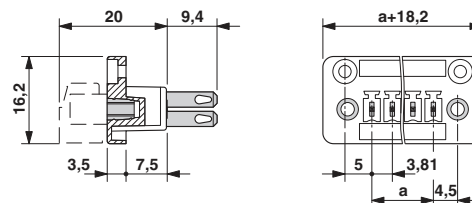


Drawings

Drilling diagram



Dimensioned drawing



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

