

Base strip - DFK-MC 1,5/12-GF-3,81 - 1829439

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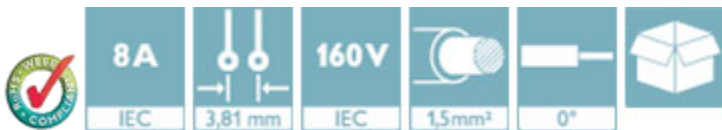


Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Solder/Slip-on connection, Color: green, Contact surface: Tin, Mounting: Direct mounting

The figure shows a 10-position version of the product

Product Features

- 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 pc |
| GTIN |  4 017918 051112 |
| Weight per Piece (excluding packing) | 8.15 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 3.81 mm |
| Dimension a | 41.91 mm |

General

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

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Technical data

General

| | |
|----------------------------------------|---------------------|
| 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) | 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 |
| Flammability rating according to UL 94 | V0 |
| Number of positions | 12 |

Connection data

| | |
|---------------------------------------|----------------------|
| Conductor cross section solid min. | 0.14 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section flexible min. | 0.14 mm ² |
| Conductor cross section flexible max. | 1.5 mm ² |
| Conductor cross section AWG min. | 28 |
| Conductor cross section AWG max. | 16 |

Standards and Regulations

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

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 |
| eCl@ss 8.0 | 27141134 |
| eCl@ss 9.0 | 27141134 |

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Classifications

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

Approvals

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

Ex Approvals

Approvals submitted

Approval details

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

| | |
|-----------------------------------------|---------|
| VDE Gutachten mit Fertigungsüberwachung | |
| mm ² /AWG/kcmil | 0.2-1.5 |

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Approvals

| | |
|--------------------|-------|
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

| | |
|----------------------------|---------|
| IECEE CB Scheme | |
| mm ² /AWG/kcmil | 0.2-1.5 |
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

| | |
|----------------------------|---------|
| CCA | |
| mm ² /AWG/kcmil | 0.2-1.5 |
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

| |
|-----|
| EAC |
|-----|

| | | |
|--------------------|-------|-------|
| cULus Recognized | | |
| | B | D |
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

| |
|-----|
| EAC |
|-----|

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



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Accessories

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

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 - MC 1,5/12-STF-3,81 - 1827800



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Base strip - DFK-MC 1,5/12-GF-3,81 - 1829439

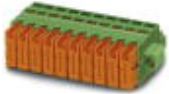
Accessories

Printed-circuit board connector - MCVR 1,5/12-STF-3,81 - 1828443



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

Printed-circuit board connector - QC 0,5/12-STF-3,81 - 1897649



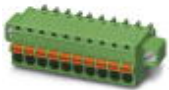
Plug component, Nominal current: 6 A, Rated voltage (III/2): 200 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Displacement connection, Color: green, Contact surface: Tin

Printed-circuit board connector - MCC 1/12-STZF-3,81 - 1852464



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, 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 1,5/12-STF-3,81 - 1851339



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin

Printed-circuit board connector - FRONT-MC 1,5/12-STF-3,81 - 1850958



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Front screw connection, Color: green, Contact surface: Tin

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Accessories

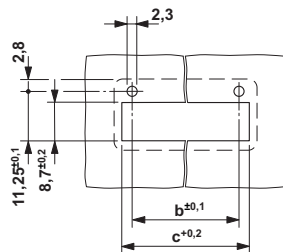
Printed-circuit board connector - MCVW 1,5/12-STF-3,81 - 1828595



Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 12, Pitch: 3.81 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Tin

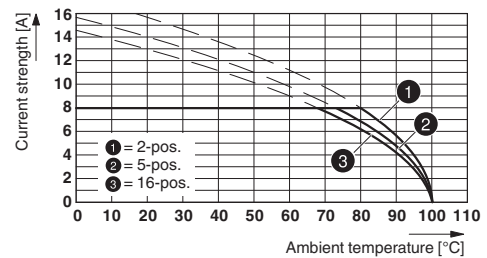
Drawings

Drilling diagram



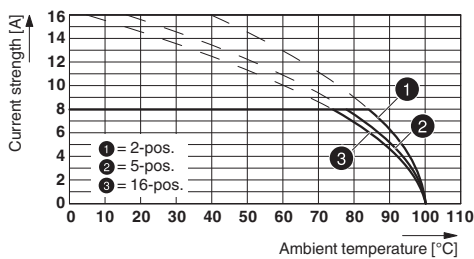
Dimension b: 6.19 mm + (no. of pos. x 3.81 mm)
Dimension c: Dim. b + 4.7 mm

Diagram



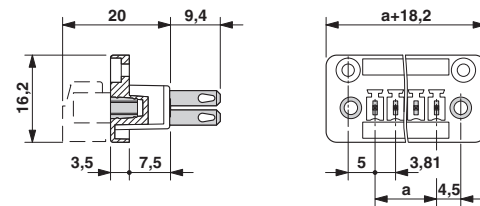
Type: MC 1,5/...-STF-3,81 with DFK-MC 1,5/...-GF-3,81 (with flat plug)

Diagram



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

Dimensional drawing



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