

Printed-circuit board connector - MC 1,5/ 4-STF-3,5 - 1847071

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin




The figure shows a 10-position version of the product

Why buy this product

- Generously dimensioned wiring space
- Low design height of the MC 1,5 plug range
- Plug-in direction parallel to the conductor axis
- Individual position coding by removing the coding tab and connecting the coding profile to the header



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| GTIN |  4 017918 099930 |
| Weight per Piece (excluding packing) | 3.86 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|---------|
| Height | 11.1 mm |
| Pitch | 3.5 mm |
| Dimension a | 10.5 mm |

General

| | |
|-----------------------------|----------------|
| Range of articles | MC 1,5/...-STF |
| 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 |

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Technical data

General

| | |
|---|--|
| 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 (with 1.5 mm ² conductor cross section) |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A1 |
| Stripping length | 7 mm |
| Number of positions | 4 |
| Screw thread | M2 |
| Tightening torque, min | 0.22 Nm |
| Tightening torque max | 0.25 Nm |

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 stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 0.5 mm ² |
| Conductor cross section AWG/kcmil min. | 28 |
| Conductor cross section AWG/kcmil max | 16 |
| 2 conductors with same cross section, solid min. | 0.08 mm ² |
| 2 conductors with same cross section, solid max. | 0.5 mm ² |
| 2 conductors with same cross section, stranded min. | 0.08 mm ² |
| 2 conductors with same cross section, stranded max. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 0.34 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm ² |
| Minimum AWG according to UL/CUL | 30 |
| Maximum AWG according to UL/CUL | 14 |

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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 |

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

UNSPSC

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

Approvals

Approvals


Approvals

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

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
|  | | |
| | B | D |
| mm ² /AWG/kcmil | 28-16 | 28-16 |

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Approvals

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

UL Recognized

| | B | D |
|----------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-14 | 30-14 |
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

VDE Gutachten mit Fertigungsüberwachung

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

cUL Recognized

| | B | D |
|----------------------------|-------|-------|
| mm ² /AWG/kcmil | 30-14 | 30-14 |
| Nominal current IN | 8 A | 8 A |
| Nominal voltage UN | 300 V | 300 V |

GOST

IECEE CB Scheme

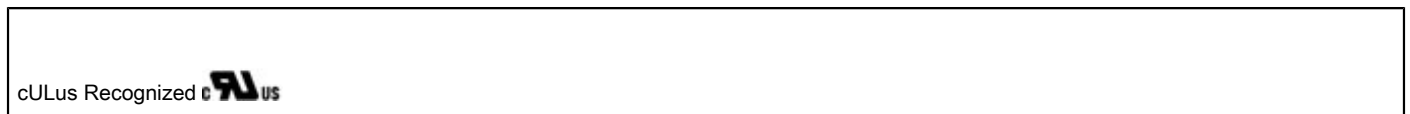
| | |
|----------------------------|---------|
| mm ² /AWG/kcmil | 0.2-1.5 |
| Nominal current IN | 8 A |
| Nominal voltage UN | 160 V |

GOST

Printed-circuit board connector - MC 1,5/ 4-STF-3,5 - 1847071

Approvals

| | |
|--------------------------------|---------|
| CCA | |
| mm ² /AWG/kcmil | 0.2-1.5 |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |



Accessories

Accessories

Labeled terminal marker

Marker cards - SK 3,5/2,8:FORTL.ZAHLEN - 0804073



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - 99, Mounting type: Adhesive, For terminal block width: 3.5 mm, Lettering field: 3.5 x 2.8 mm

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

Base strip - MCV 1,5/ 4-GF-3,5 - 1843240



Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Assembly: Soldering

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Accessories

Base strip - MC 1,5/ 4-GF-3,5 - 1843813

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Assembly: Soldering



Base strip - EMCV 1,5/ 4-GF-3,5 - 1911185

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Assembly: Press-in



Base strip - EMC 1,5/ 4-GF-3,5 - 1897267

Header, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 4, Pitch: 3.5 mm, Color: green, Contact surface: Tin, Assembly: Press-in

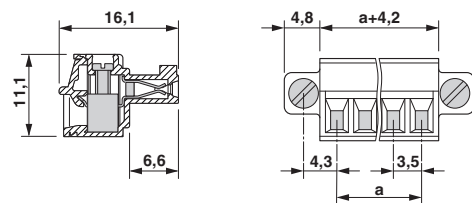


Drawings

Diagram

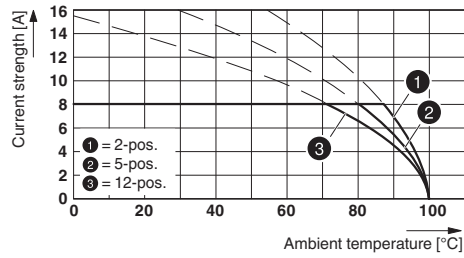
Dimensioned drawing

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



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Diagram



Type: MC 1,5/...-ST(F)-3,5 with MCV 1,5/...-G(F)-3,5 P... THR