

Printed-circuit board connector - FMC 1,5/13-ST-3,5 - 1952377

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 13, Pitch: 3.5 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Tin




The figure shows a 10-position version of the product

Why buy this product

- User-friendly actuation of the terminal point using a screwdriver
- Ultra-flat design height of just 7.8 mm
- Maximum contact and packing density in combination with double-level MCDN(V) 1,5 base strips
- Wide range of possible combinations with all MC 1,5 base strips with 3.5 or 3.81 mm pitch
- Fast conductor connection thanks to Push-in spring-cage connection
- Touch connection for voltage testing using a 1 mm Ø test pin



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| GTIN |  4 017918 942960 |
| Weight per Piece (excluding packing) | 6.92 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|-------------|---------|
| Length | 22.9 mm |
| Height | 7.8 mm |
| Pitch | 3.5 mm |
| Dimension a | 42 mm |

General

| | |
|-------------------|----------------|
| Range of articles | FMC 1,5/...-ST |
|-------------------|----------------|

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Technical data

General

| | |
|---|---------------------|
| 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 |
| 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 |
| Internal cylindrical gage | A1 |
| Stripping length | 10 mm |
| Number of positions | 13 |

Connection data

| | |
|--|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 1.5 mm ² |
| Conductor cross section stranded min. | 0.2 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. | 0.75 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 16 |
| Minimum AWG according to UL/CUL | 24 |
| Maximum AWG according to UL/CUL | 16 |

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 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 8.0 | 27440309 |
|------------|----------|

ETIM

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

UNSPSC

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

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 24-16 | 24-16 |
| Nominal current I _N | 8 A | 8 A |
| Nominal voltage U _N | 150 V | 150 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | D |
| mm ² /AWG/kcmil | 24-16 | 24-16 |

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Approvals

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

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

| |
|------------------|
| cULus Recognized |
|------------------|

Accessories

Accessories

Labeled terminal marker

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



Marker card, 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

Marker pen

Marker pen - B-STIFT - 1051993



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

Terminal marking

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Accessories

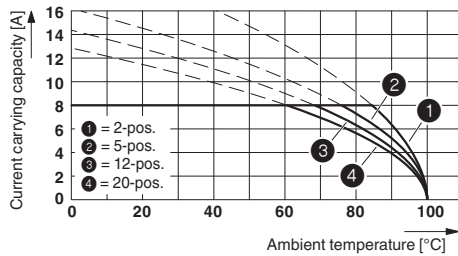
Marker card - SK U/2,8 WH:UNBEDRUCKT - 0803883

Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 2.8 mm



Drawings

Diagram



Dimensioned drawing

