

Printed-circuit board connector - IFMC 1,5/ 6-ST-3,5-RF - 1844251

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Plug component, Nominal current: 8 A, Rated voltage (III/2): 160 V, Number of positions: 6, Pitch: 3.5 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 4.4 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|-------------|---------|
| Length | 24.6 mm |
| Height | 7.8 mm |
| Pitch | 3.50 mm |
| Dimension a | 17.5 mm |

General

| | |
|-----------------------------|--------------------|
| Range of articles | IFMC 1,5/...-ST-RF |
| 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 |

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Technical data

General

| | |
|--|---------------------|
| 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 |
| Internal cylindrical gage | A1 |
| Stripping length | 10 mm |
| Number of positions | 6 |

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 flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 1.5 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.14 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 0.75 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 16 |

Standards and Regulations

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

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002637 |
|----------|----------|

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Approvals

Approvals

Approvals


cULus Recognized / VDE Gutachten mit Fertigungsüberwachung / IEC60335 CB Scheme / EAC


Ex Approvals

Approvals submitted

Approval details

| cULus Recognized | | |
|--------------------------------|-------|-------|
| | B | C |
| mm ² /AWG/kcmil | 24-16 | 24-16 |
| Nominal current I _N | 8 A | 8 A |
| Nominal voltage U _N | 150 V | 50 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 |

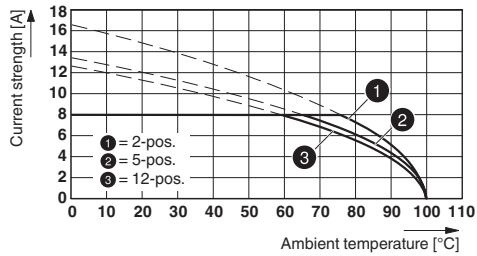
| IECEE CB Scheme  | |
|---|---------|
| mm ² /AWG/kcmil | 0.2-1.5 |
| Nominal current I _N | 8 A |
| Nominal voltage U _N | 160 V |

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

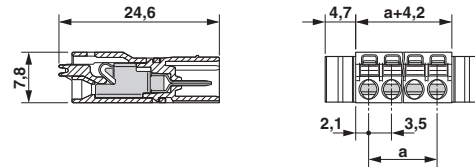
Drawings

Printed-circuit board connector - IFMC 1,5/ 6-ST-3,5-RF - 1844251

Diagram



Dimensional drawing



Type: IFMC 1,5/...-ST-3,5-RF with IMC 1,5/...-G-3,5 RN P20 THR