

Plug - DFK-IPC 16/ 2-STF-10,16 - 1703771

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Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver



The figure shows a 5-pos. version of the product

Why buy this product

- Panel thickness of 1 mm to 3 mm
- Screw connection on the inside of the device
- Inverted feed-through headers for implementing a touch-proof device output (in combination with IPC 16 ST)
- Tool-free snap-lock mechanism or conventional screw connection



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 017918 994617 |
| Weight per Piece (excluding packing) | 40.0 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 10.16 mm |
| Dimension a | 10.16 mm |

General

| | |
|-----------------------------|--------------------|
| Range of articles | DFK-IPC 16/...-STF |
| Insulating material group | I |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 6 kV |
| Rated voltage (III/3) | 1000 V |

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Technical data

General

| | |
|---|--------------------|
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I _N | 76 A |
| Nominal cross section | 16 mm ² |
| Maximum load current | 76 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Internal cylindrical gage | A6 |
| Stripping length | 12 mm |
| Number of positions | 2 |
| Screw thread | M4 |
| Tightening torque, min | 1.7 Nm |
| Tightening torque max | 1.8 Nm |

Connection data

| | |
|---|--|
| Conductor cross section solid min. | 0.75 mm ² |
| Conductor cross section solid max. | 16 mm ² |
| Conductor cross section stranded min. | 0.75 mm ² |
| Conductor cross section stranded max. | 16 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 16 mm ² Only in connection with CRIMPFOX 16 S |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.5 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 16 mm ² Only in connection with CRIMPFOX 16 S |
| Conductor cross section AWG/kcmil min. | 18 |
| Conductor cross section AWG/kcmil max | 6 |
| 2 conductors with same cross section, solid min. | 0.75 mm ² |
| 2 conductors with same cross section, solid max. | 6 mm ² |
| 2 conductors with same cross section, stranded min. | 0.75 mm ² |
| 2 conductors with same cross section, stranded max. | 6 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.5 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 4 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. | 6 mm ² |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 6 |

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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 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |

ETIM

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

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|--------------------------------|-------|-------|
| UL Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 20-6 | 20-6 |
| Nominal current I _N | 55 A | 55 A |
| Nominal voltage U _N | 600 V | 600 V |

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Approvals

| | | |
|--------------------------------|-------|-------|
| cUL Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 20-6 | 20-6 |
| Nominal current I _N | 55 A | 55 A |
| Nominal voltage U _N | 600 V | 600 V |

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

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

Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967

Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red



Additional products

Printed-circuit board connector - IPC 16/ 2-STF-10,16 - 1969454



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Printed-circuit board connector - ISPC 16/ 2-STF-10,16 - 1748626

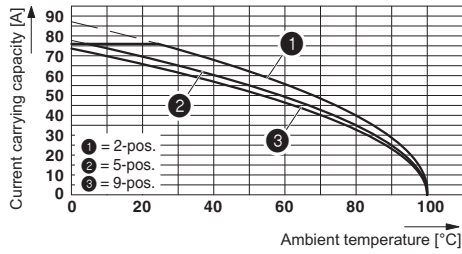


Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Silver

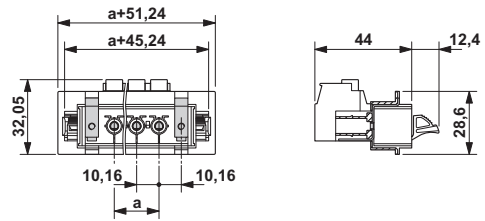
Plug - DFK-IPC 16/ 2-STF-10,16 - 1703771

Drawings

Diagram

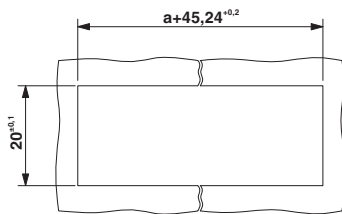


Dimensioned drawing



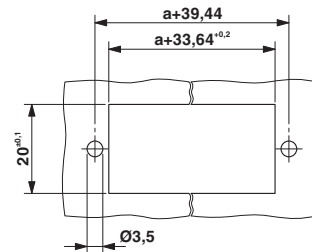
Derating curve for: IPC 16/...-ST-10.16 with DFK-IPC 16/...-ST-10.16

Dimensioned drawing



Sheet metal cutout for snap-on.

Dimensioned drawing



Sheet metal cutout for screw connection.