

Plug - SPC 16/ 4-STF-SH-10,16 - 1711488

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Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Silver

Why buy this product

- ✓ Fast connection technology thanks to tool-free direct plug-in principle
- ✓ Unlimited 600 V UL approval
- ✓ Maximum contact reliability due to integrated double steel spring
- ✓ CP-PC RD coding profile
- ✓ Push-in spring-cage plug with a current carrying capacity of 76 A



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 50 pc |
| GTIN |  4 046356 081207 |
| Weight per Piece (excluding packing) | 56.33 g |
| Custom tariff number | 85366990 |
| Country of origin | Bulgaria |

Technical data

Dimensions

| | |
|-------------|----------|
| Pitch | 10.16 mm |
| Dimension a | 30.48 mm |

General

| | |
|-----------------------------|-------------------|
| Range of articles | SPC 16/...-STF-SH |
| 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 |
| Rated voltage (III/2) | 1000 V |

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Technical data

General

| | |
|---|--------------------|
| Rated voltage (U _I /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 |
| Stripping length | 18 mm |
| Number of positions | 4 |

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. | 0.75 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 16 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.75 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 10 mm ² |
| Conductor cross section AWG/kcmil min. | 18 |
| Conductor cross section AWG/kcmil max | 4 |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm ² |
| Minimum AWG according to UL/CUL | 20 |
| Maximum AWG according to UL/CUL | 4 |

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

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|----------|----------|
| ETIM 3.0 | EC001121 |
|----------|----------|

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Classifications

ETIM

| | |
|----------|----------|
| 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 / SEV / cUL Recognized / CCA / IECCE CB Scheme / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 20-4 | 20-4 |
| Nominal current IN | 66 A | 66 A |
| Nominal voltage UN | 600 V | 600 V |

| | |
|----------------------------|--------|
| SEV | |
| mm ² /AWG/kcmil | 16 |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

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Approvals

| | | |
|----------------------------|-------|-------|
| cUL Recognized | | |
| | B | C |
| mm ² /AWG/kcmil | 20-4 | 20-4 |
| Nominal current IN | 66 A | 66 A |
| Nominal voltage UN | 600 V | 600 V |

| | |
|--------------------|--------|
| CCA | |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

| | |
|--------------------|--------|
| IECEE CB Scheme | |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

| |
|------|
| GOST |
|------|

| |
|------------------|
| 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

Plug - SPC 16/ 4-STF-SH-10,16 - 1711488

Accessories

Printed-circuit board connector - IPC 16/ 4-STGF-10,16 - 1975833



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

Printed-circuit board connector - IPC 16/ 4-STGF-SH-10,16 - 1975891



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

Printed-circuit board connector - ISPC 16/ 4-STGF-10,16 - 1748723



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Silver

Base strip - PC 6-16/ 4-G1F-10,16 - 1999026



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

Base strip - PC 6-16/ 4-G1FU-10,16 - 1996333



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

Plug - SPC 16/ 4-STF-SH-10,16 - 1711488

Accessories

Base strip - PCV 6-16/ 4-G1F-10,16 - 1998881



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

Housing - DFK-PC 6-16/ 4-GF-10,16 - 1701553



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

Base strip - DFK-PC 6-16/ 4-GFU-10,16 - 1701715



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

Base strip - DFK-PC 6-16/ 4-GF-SH-10,16 - 1701951



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

Base strip - DFK-PC 6-16/ 4-GFU-SH-10,16 - 1702031



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

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Accessories

Base strip - DFK-PCV 6-16/ 4-GF-10,16 - 1702277



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

Printed-circuit board connector - DFK-PC 16/ 4-STF-10,16 - 1703470



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

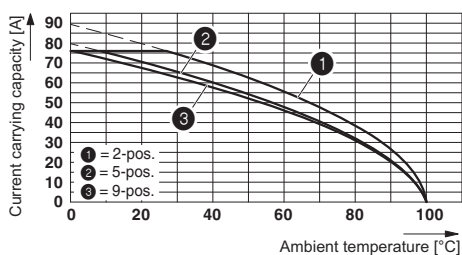
Printed-circuit board connector - DFK-PC 16/ 4-STF-SH-10,16 - 1703632



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

Drawings

Diagram



Dimensioned drawing

