

## Printed-circuit board connector - PC 4 HV/ 2-STF-SH-7,62 - 1971507

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Plug component, Nominal current: 20 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 7.62 mm, Connection method: Screw connection, Color: green, Contact surface: Tin

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



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 1                                                                                                     |
| GTIN                                 | <br>4 017918 930981 |
| Weight per Piece (excluding packing) | 29.0 GRM                                                                                                |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Dimensions

|             |         |
|-------------|---------|
| Height      | 19.7 mm |
| Pitch       | 7.62 mm |
| Dimension a | 7.62 mm |

#### General

|                             |                   |
|-----------------------------|-------------------|
| Range of articles           | PC 4 HV/...STF-SH |
| Rated surge voltage (III/3) | 8 kV              |
| Rated surge voltage (III/2) | 8 kV              |
| Rated surge voltage (II/2)  | 8 kV              |
| Rated voltage (III/3)       | 800 V             |
| Rated voltage (III/2)       | 1000 V            |
| Rated voltage (II/2)        | 1000 V            |

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## Technical data

### General

|                                         |                   |
|-----------------------------------------|-------------------|
| Connection in acc. with standard        | EN-VDE            |
| Nominal current $I_N$                   | 20 A              |
| Nominal cross section                   | 4 mm <sup>2</sup> |
| Maximum load current                    | 20 A              |
| Insulating material                     | PA                |
| Inflammability class according to UL 94 | V0                |
| Internal cylindrical gage               | A4                |
| Stripping length                        | 10 mm             |
| Number of positions                     | 2                 |
| Screw thread                            | M3                |
| Tightening torque, min                  | 0.5 Nm            |
| Tightening torque max                   | 0.6 Nm            |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 4 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 4 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max                                                   | 10                   |
| 2 conductors with same cross section, solid min.                                        | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.                                        | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 2.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL                                                         | 30                   |
| Maximum AWG according to UL/CUL                                                         | 10                   |

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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 |

#### 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

UL Recognized / cUL Recognized / GOST / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

|                                                                                                   |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                   | B     | C     |
| mm²/AWG/kcmil                                                                                     | 30-10 | 30-10 |

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Approvals

|                    | B     | C     |
|--------------------|-------|-------|
| Nominal current IN | 20 A  | 20 A  |
| Nominal voltage UN | 600 V | 600 V |

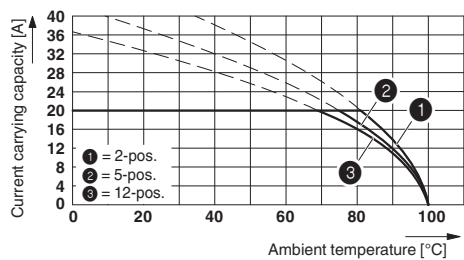
| cUL Recognized  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                  | B     | C     |
| mm²/AWG/kcmil                                                                                    | 30-10 | 30-10 |
| Nominal current IN                                                                               | 20 A  | 20 A  |
| Nominal voltage UN                                                                               | 600 V | 600 V |

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

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

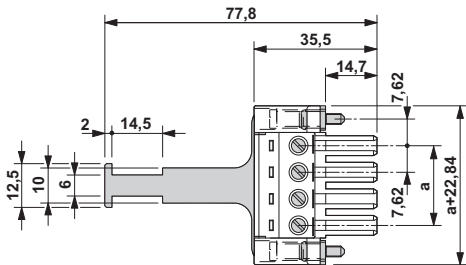
Drawings

Diagram



Derating curve for: PC 4 HV/...-ST-7,62 with PC 4/...-G-7,62

Dimensioned drawing



The illustration shows the 4-pos. version