

# RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-4Q5 - 1608126


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RJ45 connector, IP67, with push-pull interlocking, plastic housing, CAT5e, 4-pos., with QUICKON fast connection technology, for 1-wire and 7-wire conductors AWG 26 ... 22, for cable cross section 5.0 mm ... 8.0 mm



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 046356 159968 |
| GTIN         | 4046356159968   |

## Technical data

### Mechanical characteristics

|                                     |   |
|-------------------------------------|---|
| Connection method                   | IDC fast connection   |
| Minimum external conductor diameter | 5 mm  |
| Maximum external conductor diameter | 8 mm  |
| Overvoltage category                | I   |
| AWG solid min.                      | 26  |
| AWG solid max.                      | 22  |
| AWG multi-stranded min.             | 26  |
| AWG multi-stranded max.             | 22  |
| Degree of pollution                 | 2   |
| Cable outlet                        | straight  |
| No. of cable outlets                | 1   |
| Locking type                        | Push Pull   |
| Conductor cross section             | 0.13 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid)<br>0.14 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (flexible) |
| Weight                              | 31.8 g  |

### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -10 °C ... 60 °C |
|---------------------------------|------------------|

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## Technical data

### Material data

|                          |          |
|--------------------------|----------|
| Contact surface material | Au/Ni    |
| Contact material         | CuSn     |
| Contact carrier material | PC       |
| Cable gland material     | PA       |
| Seal material            | TPE      |
|                          | NBR      |
|                          | NBR      |
| Housing material         | PA-GF    |
| Seal material, O-ring    | NBR      |
| Seal material cable seal | TPE      |
| Seal material            | NBR      |
| Width                    | 22 mm    |
| Height                   | 30 mm    |
| Length                   | 70 mm    |
| Wrench size              | 19.00 mm |

### Electrical characteristics

|   |   |
|---|---|
| Number of positions                     | 4   |
| Nominal voltage $U_N$                   | 48 V  |
| Nominal current $I_N$                   | 1 A   |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002)                       |
| GRP transmission properties             | CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002) |
| Rated current                           | 1.75 A                                      |
| Overvoltage category                    | I   |
| Degree of pollution                     | 2   |
| Contact resistance                      | 0.001 $\Omega$ (Wire – IDC)                 |
|   | 0.005 $\Omega$ (Litz wires – IDC)           |
| Rated voltage (III/3)                   | 72 V (DC)                                   |

### Standards and Regulations

|  |                     |
|--|---------------------|
| Standards/specifications               | IEC PAS 61076-3-117 |
| Connection in acc. with standard       | CUL                 |
| Flammability rating according to UL 94 | V0                  |

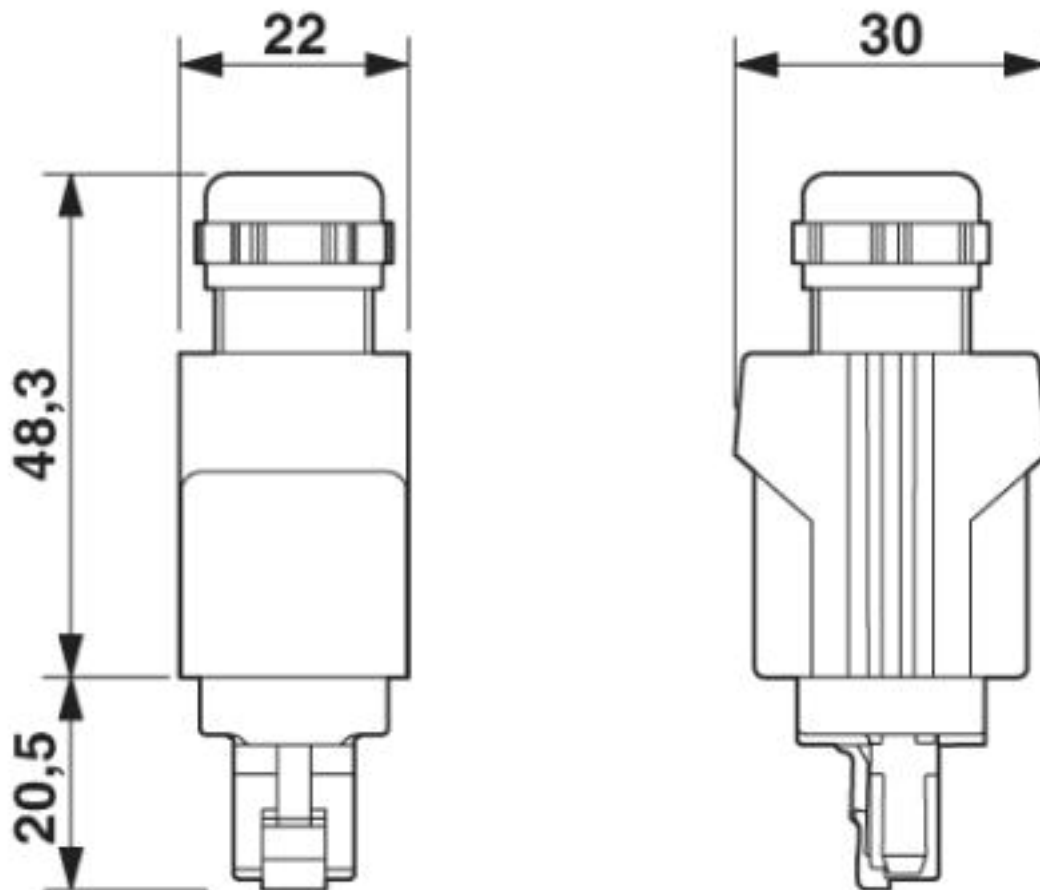
### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

# RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-4Q5 - 1608126

Dimensional drawing



Push-pull RJ45 connector IP65/67

## Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440101 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27260700 |
| eCl@ss 6.0    | 27260700 |
| eCl@ss 7.0    | 27440101 |
| eCl@ss 8.0    | 27440101 |
| eCl@ss 9.0    | 27440101 |

ETIM

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

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002636 |
| ETIM 6.0 | EC002636 |
| ETIM 7.0 | EC002636 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 18.0   | 39121409 |
| UNSPSC 19.0   | 39121409 |
| UNSPSC 20.0   | 39121409 |
| UNSPSC 21.0   | 39121409 |

## Approvals


### Approvals


#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

### Approval details

|                            |   |   |               |
|----------------------------|---|---|---------------|
| UL Recognized              |  | <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
| Nominal voltage UN         | 50 V  |   |               |
| Nominal current IN         | 1.75 A  |   |               |
| mm <sup>2</sup> /AWG/kcmil | 22  |   |               |


|                    |   |   |               |
|--------------------|---|---|---------------|
| cUL Recognized     |  | <a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a> | FILE E 118976 |
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### Approvals

|                            |    |
|----------------------------|----|
|                            |    |
| mm <sup>2</sup> /AWG/kcmil | 22 |

|     |   |         |
|-----|---|---------|
| EAC |  | B.01687 |
|-----|---|---------|

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

### Accessories

#### Accessories

Stripping tool - VS-CABLE-STRIP-VARIO - 1657407

Stripping tool, for the multi-level stripping of shielded cables



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