

# RJ45 connector - VS-PPC-C1-MNNA-4Q5-EMC - 1403366

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Push/pull connector (version 14), metal EMC, with 4-pos. RJ45 QUICKON connector insert, with QUICKON fast connection technology, for 22 AWG 1-wire and 7-wire conductors, for 5.0 mm ... 8.0 mm cable diameter

Push/pull EMC connector



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 1 pc          |
| GTIN         |               |
| GTIN         | 4046356708319 |

## 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.                         | 22  |
| AWG solid max.                         | 22  |
| AWG multi-stranded min.                | 22  |
| AWG multi-stranded max.                | 22  |
| Degree of pollution                    | 2   |
| Cable outlet                           | straight  |
| No. of cable outlets                   | 1   |
| Locking type                           | Push Pull   |
| Conductor cross section                | 0.32 mm <sup>2</sup> (solid)<br>0.36 mm <sup>2</sup> (flexible) |
| Weight                                 | 79.6 g  |
| Flammability rating according to UL 94 | V0  |

# RJ45 connector - VS-PPC-C1-MNNA-4Q5-EMC - 1403366

## Technical data

### Ambient conditions

|   |                  |
|---|------------------|
| Ambient temperature (operation)         | -40 °C ... 70 °C |
| Ambient temperature (assembly)          | -5 °C ... 45 °C  |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |

### Material data

|                            |               |
|----------------------------|---------------|
| Contact surface material   | Au/Ni         |
| Contact material           | CuSn          |
| Contact carrier material   | PC            |
| Cable gland material       | CuZn          |
| Seal material              | TPE           |
|                            | NBR           |
| Housing material           | Zinc die-cast |
| Housing surface material   | Nickel-plated |
| Seal material, O-ring      | NBR           |
| Seal material cable seal   | TPE           |
| Seal material              | NBR           |
| Width                      | 22 mm         |
| Height                     | 30 mm         |
| Length                     | 72 mm         |
| Wrench size                | 17.00 mm      |
| Housing surface material 1 | Cu/Ni         |

### Electrical characteristics

|   |   |
|---|---|
| Number of positions                     | 4   |
| Nominal voltage $U_N$                   | 48 V  |
| Nominal current $I_N$                   | 1.75 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 |
| Flammability rating according to UL 94 | V0                  |

### Environmental Product Compliance

|            |  |
|------------|--|
| REACH SVHC | Lead 7439-92-1                                 |
| China RoHS | Environmentally Friendly Use Period = 50 years |

# RJ45 connector - VS-PPC-C1-MNNA-4Q5-EMC - 1403366

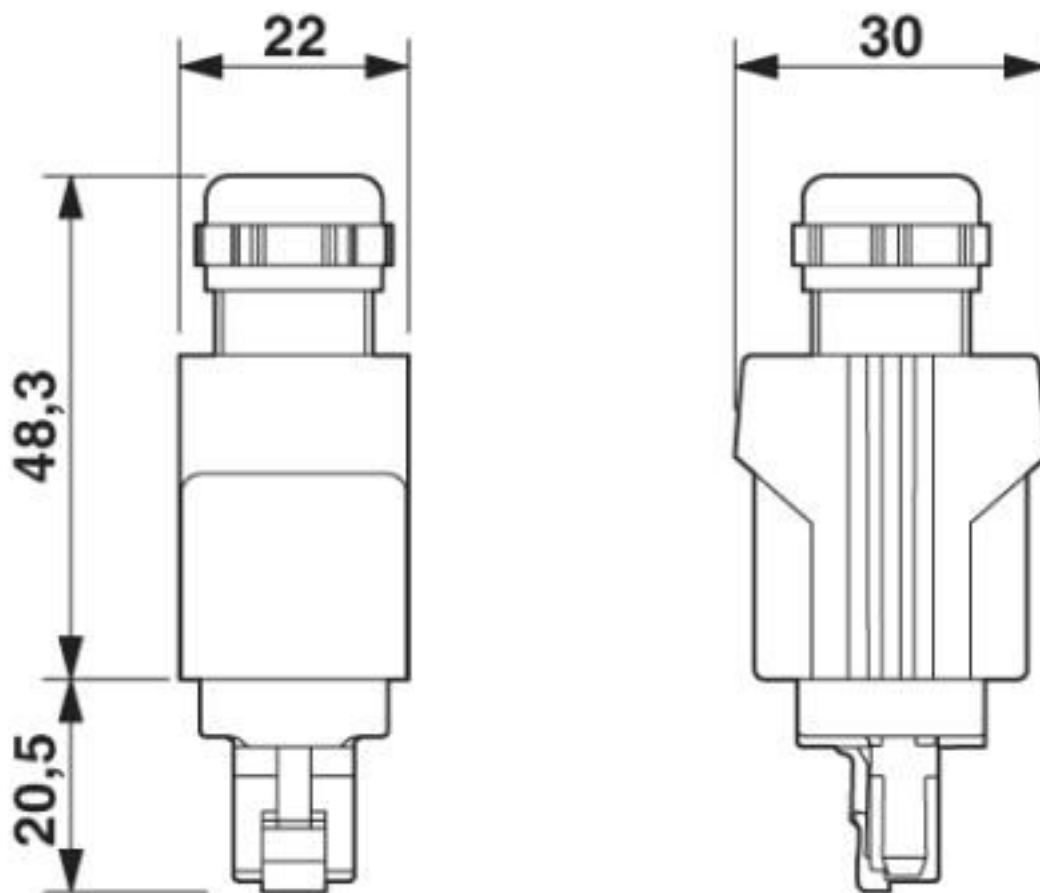
## Technical data

### Environmental Product Compliance

|  |   |
|--|---|
|  | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |
|--|---|

## Drawings

Dimensional drawing



RJ45 push/pull EMC 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 |

# RJ45 connector - VS-PPC-C1-MNNA-4Q5-EMC - 1403366

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 7.0 | 27440101 |
| eCl@ss 8.0 | 27440101 |
| eCl@ss 9.0 | 27440101 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000007 |
| ETIM 4.0 | EC001121 |
| 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

EAC

---

Ex Approvals

---

### Approval details

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

## Accessories

### Accessories

Data cable by the meter

## RJ45 connector - VS-PPC-C1-MNNA-4Q5-EMC - 1403366

### Accessories

Network cable - VS-OE-OE-93B/... - 1417362



Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

Network cable - NBC-93C/... - 1408538



By the meter, Network cable, PROFINET CAT5 (100 Mbps), EtherCAT® CAT5 (100 Mbps), shielded, PUR/FRNC halogen-free, green RAL 6018, 4-wire (1x4xAWG22/7; SF/TQ), color single wire: White, yellow, blue, orange, cable length: Free input (110.0 ... 500 m), Supplied on a cable drum in up to two parts (details: see technical data)

### Panel mounting frame

Panel mounting frames - CUC-V14-F1ZNI-EM/R40 - 1413963



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for PCB connection, for square panel cutout, with grommet and mounting screws

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



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

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Modular Connectors / Ethernet Connectors](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[8949-H88/06BLKA/SN](#) [74441-0010/BKN](#) [MP1010RX-1000](#) [MP44RX-1000](#) [PHP-6P6C-5](#) [GAX-3-66](#) [GAX-8-62](#) [GDCX-PA-66-50](#) [GDCX-PN-64](#) [GDCX-PN-66](#) [GDCX-PN-66-50](#) [GDLX-A-66](#) [GDLX-N-66](#) [GDLX-S-66](#) [GDLX-S-88K](#) [GDTX-S-88-50](#) [GDX-PA-1010](#) [GLX-N-1010M-BLK](#) [GLX-S-88M-BLK](#) [GMX-N-1010](#) [GMX-S-1010](#) [GMX-S-66](#) [GMX-SMT4-N-88](#) [GPX-2-64](#) [GSGX-N-2-88](#) [GSGX-N-4-88](#) [GSX-NS2-88-3.05](#) [GSX-NS2-88-3.05-50](#) [GSX-NS-88-3.05-50](#) [PT-108A-8C-UL](#) [PT-J951-8C](#) [PTS-J531-8CS-50UL](#) [1-1775629-2](#) [A-2014-0-4](#) [GWLX-S-88-GR](#) [GWLX-S9-88-YG](#) [DC-1021-8-WH-6](#) [1300530003](#) [1324640-4](#) [RJ11FTVC2G](#) [RJ11FTVC2N](#) [RJFTVX2SA1G](#) [132764-001](#) [1413235](#) [MP88X-1000](#) [MPS88RX-5000](#) [E5288-S000K3-L](#) [E5908-15A242-L](#) [155302-001](#) [AX100653](#)