# CUC-V14-C1ZNI-B/R4P8:10 - RJ45 connector

1422672

https://www.phoenixcontact.com/us/products/1422672

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 documentation. Our general terms of use for downloads are valid.

IDC



RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: angled

## Your advantages

- Push-pull ADVANCE connector
- Locking system to prevent inadvertent release
- Protected data transmission thanks to 360° shielding concept
- Highest ESD and EMC resistance for reliable transmission

## Commercial data

| | |
|---|---|
| Item number | 1422672 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB17 |
| Product key | ABNOAA |
| GTIN | 4055626311401 |
| Weight per piece (including packing) | 95.807 g |
| Weight per piece (excluding packing) | 95.807 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

## Technical data

### Notes

| | |
|---|---|
| General | This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252 |

### Product properties

| | |
|---|---|
| Product type | Data connector (cable side) |
| Type | RJ45 |
| Number of positions | 8 |
| Connection profile | RJ45 |
| No. of cable outlets | 1 |
| Cable outlet | angled |

Insulation characteristics

| | |
|---|---|
| Overvoltage category | I |
| Degree of pollution | 2 |

### Electrical properties

| | |
|---|---|
| Rated voltage (III/3) | 72 V (DC) |
| Rated current | 1.75 A |
| Frequency range | to 100 MHz |
| Nominal voltage $U_N$ | 48 V |
| Transmission medium | Copper |
| Transmission speed | 1 Gbps |
| Transmission characteristics (category) | CAT5 |
| Transmission speed | 1 Gbps |
| Power transmission | PoE++ in accordance with: IEEE 802.3bt |

### Connection data

Connection technology

| | |
|---|---|
| Connection method | IDC fast connection |
| Connection technology | QUICKON connection |
| Connection cross section AWG | 23 ... 22 (solid) |
| | 23 ... 22 (flexible) |
| Conductor cross-section | 0.23 mm² ... 0.32 mm² (solid) |
| | 0.23 mm² ... 0.36 mm² (flexible) |

### Dimensions

| | |
|---|---|
| Width | 22 mm |
| Height | 50 mm |
| Length | 80 mm |

## Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Housing material | Metal |
| Housing surface material | nickel-plated |

## Cable/line

| | |
|---|---|
| External cable diameter | 5.5 mm ... 10 mm |
| External cable diameter | 5.5 mm ... 10 mm |

## Mechanical properties

Mechanical data

| | |
|---|---|
| Insertion/withdrawal cycles | ≥ 750 |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP65/IP67 |
| Ambient temperature (operation) | -40 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Ambient temperature (assembly) | -10 °C ... 40 °C |

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1422672

**cULus Recognized**
Approval ID: E335024-20170228

| | Nominal voltage $U_N$ | Nominal current $I_N$ | Cross section AWG | Cross section $mm^2$ |
|---|---|---|---|---|
| keine | | | | |
| | 56.5 V | 1.75 A | - | - |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27440290 |
| ECLASS-15.0 | 27440114 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002636 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121400 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-50 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
| SCIP | a8b9889c-1e23-414b-9fd0-9a4b725318b4 |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 4.914 kg CO2e |


Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com



Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com