

CUC-V14-C1ZNI-B/R4P8 - RJ45 connector



1422665

<https://www.phoenixcontact.com/us/products/1422665>

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.



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

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 | 1422665 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB17 |
| Product key | ABNOAA |
| GTIN | 4055626311357 |
| Weight per piece (including packing) | 105.5 g |
| Weight per piece (excluding packing) | 95.807 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

Technical data

Product properties

| | |
|----------------------|-----------------------------|
| Product type | Data connector (cable side) |
| Type | RJ45 |
| Number of positions | 8 |
| Connection profile | RJ45 |
| No. of cable outlets | 1 |
| Shielded | yes |
| 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 mm ² ... 0.32 mm ² (solid) 0.23 mm ² ... 0.36 mm ² (flexible) |

Interfaces

| | |
|----------------------|-----------------------|
| Signal type/category | Ethernet CAT5, 1 Gbps |
|----------------------|-----------------------|

Dimensions

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

Material specifications

CUC-V14-C1ZNI-B/R4P8 - RJ45 connector



1422665

<https://www.phoenixcontact.com/us/products/1422665>

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

Cable/line

| | |
|-------------------------|-----------------------|
| Signal type/category | Ethernet CAT5, 1 Gbps |
| External cable diameter | 5.5 mm ... 10 mm |
| External cable diameter | 5.5 mm ... 10 mm |
| Cable cross section | 0.25 mm ² |

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 |

CUC-V14-C1ZNI-B/R4P8 - RJ45 connector



1422665

<https://www.phoenixcontact.com/us/products/1422665>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1422665>



cULus Recognized

Approval ID: E335024-20170228



cULus Recognized

Approval ID: E335024-20170228

CUC-V14-C1ZNI-B/R4P8 - RJ45 connector



1422665

<https://www.phoenixcontact.com/us/products/1422665>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

CUC-V14-C1ZNI-B/R4P8 - RJ45 connector



1422665

<https://www.phoenixcontact.com/us/products/1422665>

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 | 3b46581b-5e8d-44c7-b307-f205cdab37e6 |

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 4.911 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