

CUC-V14-C1ZNI-B/R4E8 - RJ45 connector



1422662

<https://www.phoenixcontact.com/us/products/1422662>

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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 26- 24, 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 | 1422662 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | AB17 |
| Product key | ABNOAA |
| GTIN | 4055626311319 |
| Weight per piece (including packing) | 106 g |
| Weight per piece (excluding packing) | 95.579 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

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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 |
| Sensor type | Ethernet |
| 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 |
| 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 | 26 ... 24 (solid) 26 ... 24 (flexible) |
| Conductor cross section | 0.14 mm ² ... 0.23 mm ² (solid) 0.14 mm ² ... 0.25 mm ² (flexible) |

Dimensions

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

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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 |
| Cable cross section | 0.14 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 |

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1422662>

| | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| <div> cULus Recognized Approval ID: E335024-20170228</div> | | | | |
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | | | | |
| | 56.5 V | 1.75 A | - | - |

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002943 |
|----------|----------|

UNSPSC

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

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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 | bdb0a21e-5325-49a4-ac71-39c43653204f |

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