

1149843
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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 10 Gbps, CAT6_A, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: straight, Ethernet

Your advantages

- Easy and time-saving assembly with IDC fast connection technology
- Future-proof due to CAT6_A with 10 Gbps
- 360° shielding ensures reliable transmission, even in industrial applications
- Ideal companion for servicing or repairs in the field: no special tools required for mounting
- Locking system to prevent inadvertent release

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1149843 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB17 |
| Product key | ABNOAA |
| GTIN | 4063151145538 |
| Weight per piece (including packing) | 102.95 g |
| Weight per piece (excluding packing) | 88.636 g |
| Customs tariff number | 85366990 |
| Country of origin | PL |

CUC-V14-C1ZNI-S/R4IP10G8 - RJ45 connector



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Technical data

Product properties

| | |
|----------------------|-----------------------------|
| Product type | Data connector (cable side) |
| Type | RJ45 |
| Sensor type | Ethernet |
| Number of positions | 8 |
| Connection profile | Variant 14 |
| No. of cable outlets | 1 |
| Shielded | yes |
| Cable outlet | straight |

Insulation characteristics

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

Electrical properties

| | |
|---|--|
| Rated current | 1.75 A |
| Insulation resistance | > 500 MΩ |
| Nominal voltage U_N | 48 V |
| Transmission medium | Copper |
| Transmission speed | 10 Gbps |
| Transmission characteristics (category) | CAT6 _A |
| Transmission speed | 10 Gbps |
| Power transmission | PoE++ in accordance with: IEEE 802.3bt |
| Wave impedance | 100 Ω |

Connection data

Connection technology

| | |
|------------------------------|----------------------|
| Connection method | IDC fast connection |
| Connection cross section AWG | 23 ... 22 (solid) |
| | 23 ... 22 (flexible) |

Dimensions

| | |
|--------|---------|
| Width | 22.4 mm |
| Height | 34 mm |
| Length | 95 mm |

Material specifications

| | |
|--|-----|
| Flammability rating according to UL 94 | V0 |
| Seal material, O-ring | NBR |
| Seal material cable seal | CR |
| Seal material | NBR |
| Seal material, pin connector pattern | NBR |

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| | |
|-------------------------------|-------|
| Contact material | Cu/Sn |
| Contact surface material | Au/Ni |
| Contact carrier material | PC |
| Material for screw connection | CuZn |

Cable/line

| | |
|-------------------------|----------------------|
| External cable diameter | 5.5 mm ... 10 mm |
| External cable diameter | 5.5 mm ... 10 mm |
| Cable cross section | 0.25 mm ² |
| Wave impedance | 100 Ω |

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP65/IP67 |
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Ambient temperature (assembly) | -10 °C ... 40 °C |

Standards and regulations

| | |
|--------------------------|-----------------|
| Standards/specifications | IEC 61076-3-117 |
|--------------------------|-----------------|

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1149843>

| | | | | |
|--|-----------------------|-----------------------|-------------------|-----------------------------|
| <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 |
|-------------|----------|

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 | 33bf3667-7b45-4758-b387-186cc1da0a2e |