**PHŒNIX CONTACT**

# RJ45 connector - CUC-V14-C1ZNI-S/R4IP10G8 - 1149843

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Push-pull ADVANCE connector (version 14), die-cast zinc, with RJ45 connector insert, 8-pos., 10 Gbps, CAT6$_A$ (IEC 11801:2017), with IDC fast connection technology, for AWG 23 - 22 1-wire, 7-wire, and 19-wire conductors, for cable diameter of 5.5 mm ... 10 mm

## 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

**RoHS**

IP65/67

## Key Commercial Data

| Packing unit | 1 pc |
|---|---|
| GTIN | 4 063151 145538 |
| GTIN | 4063151145538 |

## Technical data

### Mechanical characteristics

| Connection method | IDC fast connection |
|---|---|
| Minimum external conductor diameter | 5.5 mm |
| Maximum external conductor diameter | 10 mm |
| Overvoltage category | I |
| AWG solid min. | 23 |
| AWG solid max. | 22 |
| AWG multi-stranded min. | 23 |
| AWG multi-stranded max. | 22 |
| Tightening torque max | 2.5 Nm |
| Number of positions | 8 |
| Degree of protection | IP20 |

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## Technical data

### Mechanical characteristics

| | |
|---|---|
| Degree of pollution | 2 |
| Cable outlet | straight |
| No. of cable outlets | 1 |
| Locking type | Push Pull |
| Weight | 89.05 g |
| Flammability rating according to UL 94 | V0 |

### Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 70 °C |
| Ambient temperature (assembly) | -10 °C ... 40 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |

### Material data

| | |
|---|---|
| Contact surface material | Au/Ni |
| Contact material | Cu/Sn |
| Contact carrier material | PC |
| Cable gland material | CuZn |
| Seal material | CR |
| | NBR |
| | NBR |
| Seal material, O-ring | NBR |
| Seal material cable seal | CR |
| Seal material | NBR |
| Width | 22.4 mm |
| Height | 34 mm |
| Length | 95 mm |
| Wrench size | 20.00 mm |

### Electrical characteristics

| | |
|---|---|
| Transmission speed | 10 Gbps |
| Resistance | 500 MΩ |
| Connection cross section AWG | 23 ... 22 (solid) |
| | 23 ... 22 (flexible) |
| Rated current | 1.75 A |
| Test voltage Core/Core | 1000 V |
| Test voltage Core/Shield | 1500 V |
| Degree of protection when not plugged in | IP20 |

### Standards and Regulations

| | |
|---|---|
| Standards/specifications | IEC 61076-3-117 |
| Flammability rating according to UL 94 | V0 |

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## Classifications

### eCl@ss

| eCl@ss 10.0.1 | 27440101 |
|---|---|
| eCl@ss 9.0 | 27440101 |

### ETIM

| ETIM 5.0 | EC002636 |
|---|---|

## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

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

## Accessories

### Accessories

Electronics pliers

Diagonal cutter - MICROFOX-SP-1 - 1212487



Electronic diagonal cutter, tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version

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



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

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