

# RJ45 connector - CUC-V14-C1ZNI-S/R4E8 - 1422661

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Push-pull connector (version 14), die-cast zinc, with RJ45 connector insert, 8-pos., with IDC fast connection technology, for 1 and 7-wire cores, 26 ... 24 AWG, for cable diameter of 5.5 mm ... 10 mm

## Why buy this product

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

## Ethernet Ethernet

### Key Commercial Data

|                                      |   |
|--------------------------------------|---|
| Packing unit                         | 1 STK   |
| GTIN                                 | <br>4 055626 311197 |
| GTIN                                 | 4055626311197   |
| Weight per Piece (excluding packing) | 104.800 g   |
| Sales Key                            | ABNEAA  |

## Technical data

### Mechanical characteristics

|                              |   |
|------------------------------|---|
| Standards/specifications     | IEC 61076   |
| Number of positions          | 8   |
| Connection profile           | RJ45  |
| Locking type                 | Push Pull   |
| Insertion/withdrawal cycles  | ≥ 750   |
| Connection method            | IDC fast connection   |
| Conductor cross section      | 0.14 mm <sup>2</sup> ... 0.23 mm <sup>2</sup> (solid)<br>0.14 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (stranded) |
| Connection cross section AWG | 26 ... 24 (solid)<br>26 ... 24 (stranded)   |
| Max. cable diameter          | 5.5 mm ... 10 mm  |
| External cable diameter      | 5.5 mm ... 10 mm  |

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## Technical data

### Mechanical characteristics

|                      |            |
|----------------------|------------|
| Cable outlet         | straight   |
| Degree of protection | IP65/IP67  |
| Type                 | Version 14 |
| No. of cable outlets | 1          |

### 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

|  |                  |
|--|------------------|
| Flammability rating according to UL 94 | V0               |
| Housing material                       | Zinc die-cast    |
| Housing surface material               | Nickel-plated    |
| Contact carrier material               | PC               |
| Contact material                       | Copper alloy     |
| Contact surface material               | Gold over nickel |
| Seal material                          | NBR              |
| Height                                 | 34 mm            |

### Electrical characteristics

|   |                       |
|---|-----------------------|
| Rated current                           | 1.75 A                |
| Frequency range                         | to 100 MHz            |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002) |

### Standards and Regulations

|  |           |
|--|-----------|
| Standards/regulations                  | IEC 61076 |
| Flammability rating according to UL 94 | V0        |

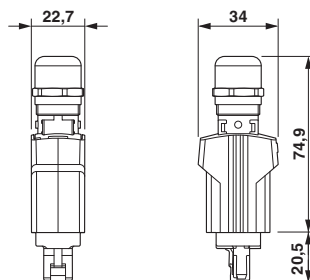
### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

# RJ45 connector - CUC-V14-C1ZNI-S/R4E8 - 1422661

Dimensional drawing



## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27261204 |
| eCl@ss 7.0 | 27440205 |
| eCl@ss 8.0 | 27440101 |
| eCl@ss 9.0 | 27440101 |

ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002636 |
| ETIM 6.0 | EC002636 |

## Accessories

Accessories

Panel mounting frame

Panel mounting frames - CUC-V14-F1ZNI-EM/R4F8 - 1413961



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 insert with IDC cable connection

Panel mounting frames - CUC-V14-F1ZNI-EM/R4B8 - 1413962



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 coupling module

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### Accessories

Panel mounting frames - CUC-V14-F1ZNI-EM/R4O - 1413963



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for PCB connection, for square panel cutout, with grommet and mounting screws

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### Protective cover

Protective covers - VS-PPC-F1-PC-POBK - 1405316



Protective cover, IP65, with push-pull locking for covering the contact insert in the push-pull connector for RJ45 and SC-RJ, plastic

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



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

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