

## RJ45 connector - CUC-IND-C1ZNI-T/R4IP8 - 1421128

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RJ45 connector, Degree of protection: IP20, Number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), Material: Zinc die-cast, Connection method: IDC fast connection, Connection cross section: AWG 23-22, Cable exit: angled

### Why buy this product

- ✓ assembly without special tools
- ✓ One-Piece Design
- ✓ AWG 23-22
- ✓ 360° shielding
- ✓ High shock and vibration resistance



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 STK    |
| Weight per Piece (excluding packing) | 40.000 g |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Mechanical characteristics

|                              |                                  |
|------------------------------|----------------------------------|
| Number of positions          | 8                                |
| Connection profile           | RJ45                             |
| Insertion/withdrawal cycles  | ≥ 750                            |
| Connection method            | IDC fast connection              |
| Conductor cross section      | 0.23 mm² ... 0.32 mm² (solid)    |
|                              | 0.23 mm² ... 0.36 mm² (stranded) |
| Connection cross section AWG | 23 ... 22 (solid)                |
|                              | 23 ... 22 (stranded)             |

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### Technical data

#### Mechanical characteristics

|                                    |               |
|------------------------------------|---------------|
| Max. cable diameter                | 5 mm ... 9 mm |
| External cable diameter            | 5 mm ... 9 mm |
| Cable exit                         | angled        |
| Wire diameter including insulation | ≤ 1.6 mm      |
| Degree of protection               | IP20          |
| Type                               | RJ45, IP20    |
| No. of cable outlets               | 1             |

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 70 °C |
|---------------------------------|------------------|

#### Material data

|                                        |                  |
|----------------------------------------|------------------|
| Flammability rating according to UL 94 | V0               |
| Housing material                       | Zinc die-cast    |
| Contact carrier material               | PC               |
| Contact material                       | Copper alloy     |
| Contact surface material               | Gold over nickel |

#### Electrical characteristics

|                                         |                            |
|-----------------------------------------|----------------------------|
| Number of positions                     | 8                          |
| Transmission speed                      | 1 GBit/s                   |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002)      |
| GRP transmission properties             | CAT5 (IEC 11801:2002)      |
| Transmission speed                      | 1 Gbps                     |
| Frequency range                         | to 100 MHz                 |
| Rated current                           | 1.75 A                     |
| Overvoltage category                    | I                          |
| Contact resistance                      | 0.001 Ω (Wire – IDC)       |
|                                         | 0.005 Ω (Litz wires – IDC) |

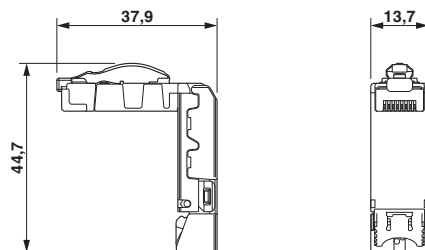
#### Standards and Regulations

|                                        |    |
|----------------------------------------|----|
| Flammability rating according to UL 94 | V0 |
|----------------------------------------|----|

### Drawings

## RJ45 connector - CUC-IND-C1ZNI-T/R4IP8 - 1421128

Dimensional drawing



RJ45 connector, IP20

### 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 |
|----------|----------|

### Accessories

Accessories

Data cable by the meter

Network cable - VS-OE-OE-93B-100,0 - 1416389



Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, shielded, free cable end, on free cable end, Cable length: 100 m

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### Accessories

Network cable - VS-OE-OE-93B/... - 1417362



Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, shielded, free cable end, on free cable end, Cable length: Free entry (0.5 ... 400.0 m)

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### 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

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### Terminal marking

Marker for terminal blocks - TMT 5 R - 0816430



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Perforated, Mounting type: Snap into universal marker groove, Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 6.4 x 5.15 mm

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Marker for terminal blocks - TMT 5 R RD - 0816427



Marker for terminal blocks, Roll, red, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Perforated, Mounting type: Snap into universal marker groove, Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 6.4 x 5.15 mm

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Marker for terminal blocks - TMT 5 R GN - 0816401



Marker for terminal blocks, Roll, green, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, THERMOMARK S1.1, Perforated, Mounting type: Snap into universal marker groove, Snap into flat marker groove, for terminal block width: 5.2 mm, Lettering field: 6.4 x 5.15 mm

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### Accessories

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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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