

# RJ45 connector - CUC-IND-C1ZNI-B/R4QV6 - 1406338

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RJ45 connector, degree of protection: IP20, number of positions: 6, 100 Mbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: angled, High degree of resistance to vibration; 360° shielding; one-piece design; special tool-free assembly, VARAN

## Your advantages

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



## Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 pc  |
| GTIN         | <br>4 046356 760744 |
| GTIN         | 4046356760744   |

## Technical data

### Mechanical characteristics

|                                     |   |
|-------------------------------------|---|
| Connection method                   | IDC fast connection   |
| Minimum external conductor diameter | 5 mm  |
| Maximum external conductor diameter | 9 mm  |
| Overvoltage category                | I   |
| AWG solid min.                      | 26  |
| AWG solid max.                      | 24  |
| AWG multi-stranded min.             | 23  |
| AWG multi-stranded max.             | 22  |
| Cable outlet                        | angled  |
| No. of cable outlets                | 1   |
| Conductor cross section             | 4x 0.25 mm <sup>2</sup> ... 0.34 mm <sup>2</sup> (Data (solid and stranded))  |
|                                     | 2x 0.23 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (Power (solid and stranded)) |

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## Technical data

### Mechanical characteristics

|  |         |
|--|---------|
| Weight                                 | 22.22 g |
| Flammability rating according to UL 94 | V0      |

### Ambient conditions

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

### Material data

|                          |                  |
|--------------------------|------------------|
| Contact surface material | Gold over nickel |
| Contact material         | Copper alloy     |
| Contact carrier material | PC               |
| Housing material         | Zinc die-cast    |
| Width                    | 37.95 mm         |
| Height                   | 40 mm            |
| Length                   | 13.65 mm         |

### Electrical characteristics

|   |   |
|---|---|
| Number of positions                     | 6   |
| Nominal voltage $U_N$                   | 48 V  |
| Transmission speed                      | 100 Mbps                                    |
| Transmission characteristics (category) | CAT5 (IEC 11801:2002)                       |
| GRP transmission properties             | CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002) |
| Transmission speed                      | 100 Mbps                                    |
| Frequency range                         | to 100 MHz                                  |
| Rated current                           | 1.75 A                                      |
| Overvoltage category                    | I   |
| Rated voltage (III/3)                   | 72 V (DC)                                   |

### Standards and Regulations

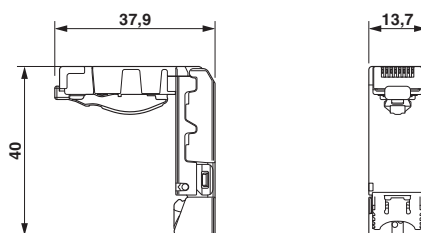
|  |    |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Dimensional drawing



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## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440101 |
| eCl@ss 11.0   | 27440101 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27260700 |
| eCl@ss 6.0    | 27260700 |
| eCl@ss 7.0    | 27440101 |
| eCl@ss 9.0    | 27440101 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 6.0 | EC002636 |
| ETIM 7.0 | EC002636 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 18.0   | 39121409 |
| UNSPSC 19.0   | 39121409 |
| UNSPSC 20.0   | 39121409 |
| UNSPSC 21.0   | 39121409 |

## Approvals

### Approvals

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Approvals

cULus Recognized / EAC

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Ex Approvals

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### Approval details

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## Approvals

|                    |  |  |
|--------------------|--|--|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335024-20170228 |
| Nominal voltage UN |  | 56.5 V   |
| Nominal current IN |  | 0.175 A  |

|     |  |         |
|-----|--|---------|
| 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

### Terminal marking

Marker for terminal blocks - TMT 5 R - 0816430



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, 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 size: 6.4 x 5.15 mm, Number of individual labels: 19000

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



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

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