

## RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS-PG - 1099279

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: Solder connection

### Your advantages

- ✓ Design perfectly matched to the RJ45 INDUSTRIAL connector for reliable connectivity
- ✓ Ideal for demanding applications due to the high shock and vibration resistance as well as the extended temperature range
- ✓ 360° shielding ensures reliable transmission, even in industrial applications
- ✓ Housing shield springs enable an optimized EMC shielding concept
- ✓ Enables data transmission speeds of up to 10 Gbps in accordance with CAT6A
- ✓ Automated handling process thanks to reflow capability
- ✓ Tray packing



### Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 84 pc         |
| GTIN         |               |
| GTIN         | 4055626947457 |

### Technical data

#### Mechanical characteristics

|                             |                   |
|-----------------------------|-------------------|
| Connection method           | Solder connection |
| Number of slots             | 1                 |
| Rated voltage (III/2)       | 72 V DC           |
| Rated surge voltage (III/3) | 1.5 kV            |
| Overvoltage category        | II                |
| Insertion/withdrawal cycles | > 750             |
| Number of positions         | 8                 |
| Degree of pollution         | 2                 |
| Weight                      | 5 g               |

# RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS-PG - 1099279

## Technical data

### Mechanical characteristics

|  |      |
|--|------|
| Type                                   | RJ45 |
| Flammability rating according to UL 94 | V0   |
| Head 1 pin pattern                     | RJ45 |

### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 105 °C |
|---------------------------------|-------------------|

### Material data

|                            |              |
|----------------------------|--------------|
| Contact surface material   | AU           |
| Contact material           | Copper alloy |
| Width                      | 18 mm        |
| Height                     | 16.8 mm      |
| Length                     | 17.9 mm      |
| Mounting type              | PCB mounting |
| Housing material           | PA-GF        |
| Housing surface material 1 | Nickel       |

### Electrical characteristics

|                             |                           |
|-----------------------------|---------------------------|
| Number of positions         | 8                         |
| GRP transmission properties | Data transmission 10 Gbps |
| Transmission speed          | 10 Gbps                   |
| Rated current               | 1.5 A                     |
| Overvoltage category        | II                        |
| Degree of pollution         | 2                         |
| Test voltage Core/Core      | 1000 V                    |
| Test voltage Core/Shield    | 1500 V                    |

### Standards and Regulations

|  |     |
|--|-----|
| Halogen-free                           | yes |
| Flammability rating according to UL 94 | V0  |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440205 |
| eCl@ss 9.0    | 27440205 |

### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC000438 |
|----------|----------|

## Approvals

### Approvals

# RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS-PG - 1099279

## Approvals

Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

### Approval details

|                  |  |   |               |
|------------------|--|---|---------------|
| EAC              |  |   | B.01687       |
| UL 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> | FILE E 335024 |
| cUL 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> | FILE E 335024 |
| cULus Recognized |  |   |               |

## Accessories

Accessories

Data plug

RJ45 connector - CUC-IND-C1ZNI-S/R4IE10G8 - 1149846



RJ45 connector, IP20, CAT6<sub>A</sub>, 8-pos., with IDC fast connection technology, for AWG 26 - 24 1-wire, 7-wire, and 19-wire conductors

RJ45 connector - CUC-IND-C1ZNI-S/R4IP10G8 - 1149847



RJ45 connector, IP20, CAT6<sub>A</sub>, 8-pos., with IDC fast connection technology, for AWG 23 - 22 1-wire, 7-wire, and 19-wire conductors

## RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS-PG - 1099279

### Accessories

RJ45 connector - CUC-IND-C1ZNI-S/R4IP8 - 1421126



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 outlet: straight, color: green

---

RJ45 connector - CUC-IND-C1ZNI-S/R4IE8 - 1421607



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 26- 24, cable outlet: straight, color: green

---

RJ45 connector - CUC-IND-C1ZNI-S/R4QV6 - 1406335



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: straight, High degree of resistance to vibration; 360° shielding; one-piece design; special tool-free assembly

---

RJ45 connector - CUC-IND-C1ZNI-T/R4IE8 - 1421877



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 26- 24, cable outlet: angled

---

RJ45 connector - CUC-IND-C1ZNI-B/R4IE8 - 1421876



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 26- 24, cable outlet: angled

---

## RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS-PG - 1099279

### Accessories

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



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

---

#### RJ45 connector - CUC-IND-C1ZNI-T/R4QV6 - 1406341



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

---

#### RJ45 connector - CUC-IND-C1ZNI-B/R4IP8 - 1421127



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 outlet: angled

---

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



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 outlet: angled

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1099279](#)