

# RJ45 PCB connectors - CUC-IND-J1ST-A/R4LS-LED-PG - 1099281

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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
- ✓ With integrated hybrid LEDs as optical status indicators of data transmission
- ✓ 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	 4 055626 947938
GTIN	4055626947938

## 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

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## Technical data

### Mechanical characteristics

Weight	5.7 g
Type	RJ45
Flammability rating according to UL 94	V0
Head 1 pin pattern	RJ45

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 105 °C
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### Material data

Contact surface material	AU
Contact material	Copper alloy
Width	18 mm
Height	17.6 mm
Length	17.1 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
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## Approvals

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# RJ45 PCB connectors - CUC-IND-J1ST-A/R4LS-LED-PG - 1099281

## Approvals

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Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

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Ex Approvals

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## 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-A/R4LS-LED-PG - 1099281

### Accessories

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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

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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

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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

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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

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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

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## RJ45 PCB connectors - CUC-IND-J1ST-A/R4LS-LED-PG - 1099281

### 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

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#### 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

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#### 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

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#### 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

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