PHŒNIX CONTACT

RJ45 socket insert - CUC-IND-J1ST-S/R4LS-LED-PG - 1099282

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RJ45 socket insert, 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

RoHS | IP20 | CAT 6A 10 Gigabit/s | PROFINET Ethernet

Key Commercial Data

Packing unit	84 pc
Minimum order quantity	84 pc
GTIN	4 055626 948102
GTIN	4055626948102
Weight per Piece (excluding packing)	5.100 g
Custom tariff number	85366930
Note	Made to Order (non-returnable)

Technical data

Mechanical characteristics

Connection method	Solder connection
Number of slots	1
Rated voltage (III/2)	72 V DC

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Technical data

Mechanical characteristics

Rated surge voltage (III/3)	1.5 kV
Overvoltage category	II
Insertion/withdrawal cycles	> 750
Number of positions	8
Degree of pollution	2
Weight	5.1 g

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

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 9.0	27440205

ETIM

ETIM 5.0	EC000438

Approvals

Approvals

RJ45 socket insert - CUC-IND-J1ST-S/R4LS-LED-PG - 1099282

Approvals

Approvals

EAC / UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approval details

EAC	EAC	B.01742

UL Recognized	UL	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024

cUL Recognized	UL	http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024

cULus Recognized	UL US

Accessories

Accessories

Data plug

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

RJ45 connector, IP20, CAT6$_A$, 8-pos., with IDC fast connection technology, for AWG 26 - 24 1-wire, 7-wire, and 19-wire conductors

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

RJ45 connector, IP20, CAT6$_A$, 8-pos., with IDC fast connection technology, for AWG 23 - 22 1-wire, 7-wire, and 19-wire conductors

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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

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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