

# RJ45 socket insert - CUC-I-J1ZNI-S/R4IDC8 - 1417274

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RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, cable outlet: straight, Adapter-free design

## Your advantages

- assembly without special tools
- Compact design
- Rugged design



## Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626251424

## Technical data

### Mechanical characteristics

Connection method	IDC connection
Number of slots	1
Minimum external conductor diameter	4.5 mm
Maximum external conductor diameter	9 mm
AWG solid min.	26
AWG solid max.	22
AWG multi-stranded min.	26
AWG multi-stranded max.	22
Cable outlet	straight
No. of cable outlets	1
Weight	18.766 g
Type	RJ45

### Ambient conditions

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## Technical data

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Degree of protection	IP20

### Material data

Contact surface material	Gold over nickel
Contact material	CuSn
Contact carrier material	PC
Housing material	Zinc die-cast
Mounting type	Snap in

### Electrical characteristics

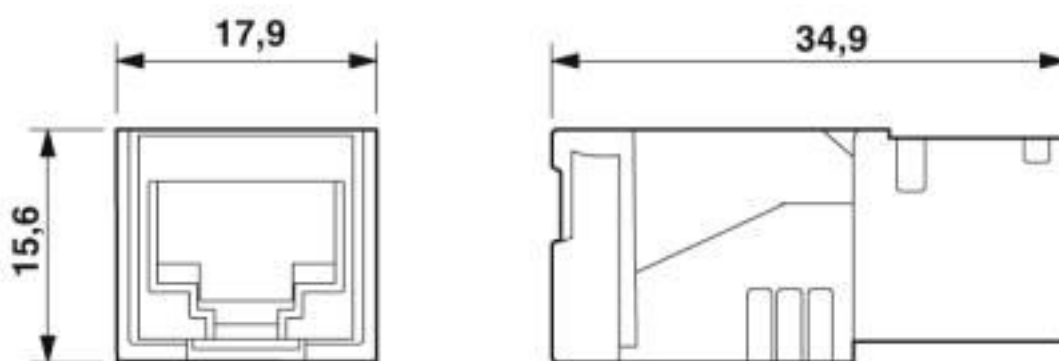
Number of positions	8
GRP transmission properties	CAT6 <sub>A</sub>
Transmission speed	10 Gbps
Frequency range	500 MHz
Rated voltage (III/3)	72 V (DC)
Insulation resistance	> 500 MΩ (100 V DC)

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



RJ45 socket insert

## Classifications

eCl@ss

eCl@ss 10.0.1	27440205
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## Classifications

### eCl@ss

eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

### ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

### UNSPSC

UNSPSC 6.01	30212113
UNSPSC 7.0901	39121712
UNSPSC 11	39121712
UNSPSC 12.01	31261501
UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

## Approvals

### Approvals

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Approvals

EAC / UL Recognized / cUL Recognized / DNV GL / cULus Recognized

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Ex Approvals

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### Approval details

EAC		B.01687
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## Approvals

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
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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
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DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE000029B
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cULus Recognized			
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## 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

Network cable - VS-OE-OE-94B-100,0 - 1416567



Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: 100 m

Network cable - VS-OE-OE-94F/... - 1417359



Network cable, Ethernet CAT6<sub>A</sub> (10 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

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### 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

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#### Panel mounting frame

Panel mounting frames - CUC-V14-F1ZNI-EM/R4F8 - 1413961



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 insert with IDC cable connection

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Panel mounting frames - CUC-V14-F1S-EM/R4F8 - 1413965



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 insert with IDC cable connection

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#### Patch panel

DIN rail adapter - NBC-PP-G1PGY - 1041740



DIN rail adapter, type: Headers with shielding, degree of protection: IP20, material: PC-GF10, without assembled modules

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Marshalling panel - CUC-PP-FR19:1U-I-EMPTY:24 - 1422978

Patch bay, 19" mounting, IP20, with 24 slots selectively for RJ45 cable connection modules, RJ45 coupling modules, LC duplex, SC simplex and MPO, medium gray



## RJ45 socket insert - CUC-I-J1ZNI-S/R4IDC8 - 1417274

### Accessories

Marshalling panel - CUC-PP-FR19:1U-I-EMPTY:24 BK - 1422979

Marshalling panel, type: RJ45, degree of protection: IP20, material: PC-GF, connection method: Quick connection, size of housing: 1, color: black



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CUC-V14-F1ZNI-A/R4F K03 SET - 1417615

Network cable - NBC-150,0-94E - 1408133



CAT6a S/STP cable, 4 x 2 x 23 AWG, solid (1-wire), shielded, outer sheath: PUR, halogen-free, outside diameter: 8.0 mm, RAL 5021 (water blue), cable ring: 150 m

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



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

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### Additional products

Marshalling panel - CUC-PP-FR19:1U-I-EMPTY:24 - 1422978

Patch bay, 19" mounting, IP20, with 24 slots selectively for RJ45 cable connection modules, RJ45 coupling modules, LC duplex, SC simplex and MPO, medium gray



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Marshalling panel - CUC-PP-FR19:1U-I-EMPTY:24 BK - 1422979

Marshalling panel, type: RJ45, degree of protection: IP20, material: PC-GF, connection method: Quick connection, size of housing: 1, color: black



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### Accessories

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Connector - C-SCFI 1,5/2,8X0,8 - 3240049



Slip-on sleeve, red, 0.5 ... 1.5 mm<sup>2</sup>, 2.8 x 0.8

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