

# CUC-I-J1ZNI-S/R4IDC8 - RJ45 jack insert



1417274

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

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## Your advantages

- Assembly without special tools
- Compact design
- Rugged design

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## Technical data

### Product properties

Type	RJ45
Product type	Female insert
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Number of slots	1
Protective cover	yes
Shielded	yes
Cable outlet	straight

### Insulation characteristics

Overvoltage category	III
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### Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated surge voltage	0.8 kV
Frequency range	500 MHz
Insulation resistance	> 500 M $\Omega$ (100 V DC)
Transmission medium	Copper
Transmission characteristics (category)	CAT6 <sub>A</sub>
Power transmission	PoE+

### Connection data

#### Connection technology

Connection method	IDC connection
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### Material specifications

Housing surface material	metal-plated
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	PC
Material, protective cover	PC
Housing material	Metal

### Cable/line

External cable diameter ( )	4.5 mm ... 9 mm
Wire diameter	0.4 mm ... 0.65 mm
Wire diameter including insulation	0.8 mm ... 1.6 mm

### Mechanical properties

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## Mechanical data

Insertion/withdrawal cycles	≥ 750
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## Environmental and real-life conditions

### Ambient conditions

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

## Mounting

Mounting type	Snap in
Connection method	IDC connection

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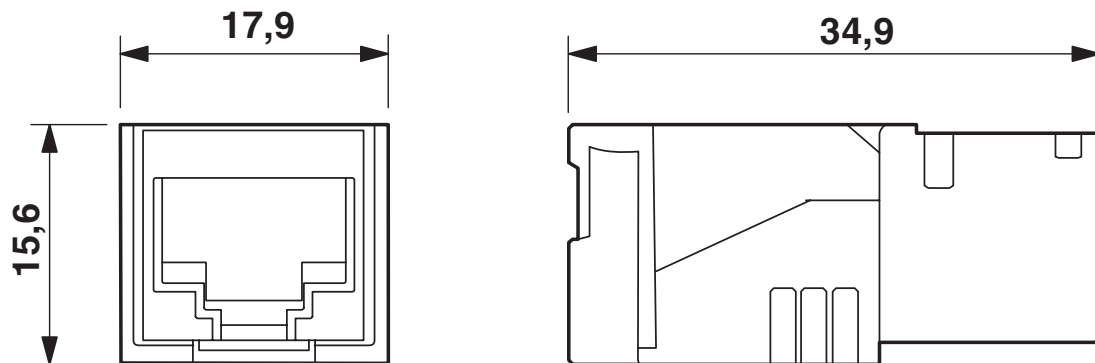


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## Drawings

Dimensional drawing



RJ45 socket insert

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