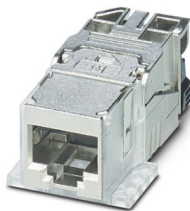


# CUC-F-J1ZNI-S/R4IDC8 - RJ45 jack insert



1418984  
<https://www.phoenixcontact.com/us/products/1418984>

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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, Freenet design for use with IP67 panel mounting frame and terminal outlets, Ethernet

## Product description

Freenet system

## Your advantages

- Assembly without special tools
- Compact design
- Rugged design

## Commercial data

Item number	1418984
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACA
GTIN	4055626251431
Weight per piece (including packing)	20 g
Weight per piece (excluding packing)	20 g
Customs tariff number	85366990
Country of origin	PL

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## Technical data

### Product properties

Product type	Female insert
Type	RJ45
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Number of slots	1
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)
Nominal voltage $U_N$	72 V (DC)
Nominal current $I_N$	1.5 A
Transmission medium	Copper
Transmission speed	10 Gbps
Transmission characteristics (category)	CAT6 <sub>A</sub>
Power transmission	PoE+

### Connection data

#### Connection technology

Connection method	IDC connection
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### Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	PC
Material, protective cover	PC

### Cable/line

External cable diameter	4.5 mm ... 9 mm
Wire diameter	0.4 mm ... 0.65 mm

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Wire diameter including insulation	0.8 mm ... 1.6 mm
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## Mechanical properties

### 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
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## Approvals

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**cUL Recognized**

Approval ID: E335024-DUXR8



**UL Recognized**

Approval ID: E335024-DUXR2

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## Classifications

### ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440390

### ETIM

ETIM 9.0	EC004746
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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