

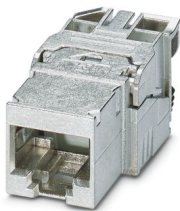
# CUC-I-J1ZNI-S/R4IDC8 - RJ45 jack insert



1417274

<https://www.phoenixcontact.com/us/products/1417274>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

## Your advantages

- Assembly without special tools
- Compact design
- Rugged design

## Commercial data

Item number	1417274
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACA
GTIN	4055626251424
Weight per piece (including packing)	19.118 g
Weight per piece (excluding packing)	19.118 g
Customs tariff number	85366990
Country of origin	PL

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



1417274

<https://www.phoenixcontact.com/us/products/1417274>

## 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
Protective cover	yes
Shielded	yes
Cable outlet	straight

### Insulation characteristics

Overvoltage category	III
----------------------	-----

### 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 speed	10 Gbps
Transmission characteristics (category)	CAT6 <sub>A</sub>
Power transmission	PoE+

### Connection data

#### Connection technology

Connection method	IDC connection
-------------------	----------------

### Material specifications

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
Wire diameter including insulation	0.8 mm ... 1.6 mm

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



1417274

<https://www.phoenixcontact.com/us/products/1417274>

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 750
-----------------------------	-------

## 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
---------------	---------

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



1417274

<https://www.phoenixcontact.com/us/products/1417274>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1417274>



**cUL Recognized**

Approval ID: E335024-DUXR8



**UL Recognized**

Approval ID: E335024-DUXR2

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



1417274

<https://www.phoenixcontact.com/us/products/1417274>

## Classifications

### ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440390

### ETIM

ETIM 9.0	EC004746
----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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



1417274

<https://www.phoenixcontact.com/us/products/1417274>

## 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%

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)