

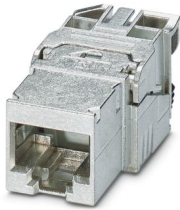
CUC-I-J1ZNI-S/R4IDC8 - RJ45 jack insert



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_A, 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 Ω (100 V DC)
Transmission medium	Copper
Transmission speed	10 Gbps
Transmission characteristics (category)	CAT6 _A
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	27440318

ETIM

ETIM 10.0	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%
-------------------------------------	----------------------------

EF3.1 Climate Change

CO2e kg	1.449 kg CO2e
---------	---------------

Phoenix Contact 2026 © - 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