

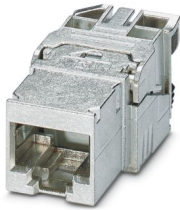
# CUC-I-J1ZNI-S/R4IDC8 - RJ45 jack insert



1417274

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

## 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
Catalog page	Page 375 (C-2-2019)
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

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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
Protective cover	yes
Shielded	yes
Cable outlet	straight

### Data management status

Article revision	02
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### 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 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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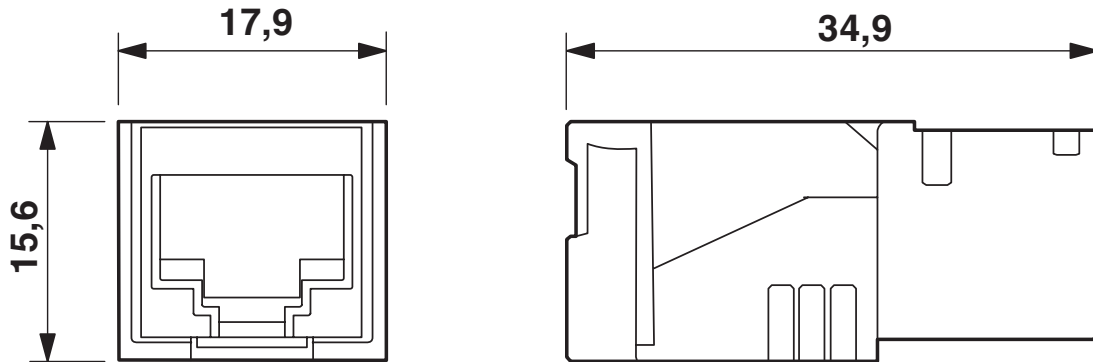


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## Drawings

Dimensional drawing



RJ45 jack insert

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## Approvals

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



**cUL Recognized**  
Approval ID: FILE E 335024



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**cULus Recognized**

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## Classifications

### ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27460201

### ETIM

ETIM 9.0	EC002637
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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
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### 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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## Accessories

### NBC-PP-G1PGY - DIN rail adapter

1041740

<https://www.phoenixcontact.com/us/products/1041740>



DIN rail adapter, design: Headers with shielding, degree of protection: IP20, material: PC-GF10, connection method: Quick connection, without assembled modules

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### CUC-V14-F1ZNI-EM/R4F8 - Panel-mount frame

1413961

<https://www.phoenixcontact.com/us/products/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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## VS-OE-OE-93B-100,0 - Data cable

1416389

<https://www.phoenixcontact.com/us/products/1416389>



Data cable, PROFINET CAT5 (100 Mbps), 4-position, PVC/PVC, green RAL 6018, shielded, free cable end, on free cable end, cable length: 100 m

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## VS-OE-OE-94B-100,0 - Data cable

1416567

<https://www.phoenixcontact.com/us/products/1416567>



Data 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

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## VS-OE-OE-94F/... - Data cable

1417359

<https://www.phoenixcontact.com/us/products/1417359>



Data 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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## MICROFOX-SP-1 - Diagonal cutter

1212487

<https://www.phoenixcontact.com/us/products/1212487>



Electronic diagonal cutter, tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version

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## VS-CABLE-STRIP-VARIO - Stripping tool

1657407

<https://www.phoenixcontact.com/us/products/1657407>

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



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

1422978

<https://www.phoenixcontact.com/us/products/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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## CUC-PP-FR19:1U-I-EMPTY:24 BK - Marshalling panel

1422979

<https://www.phoenixcontact.com/us/products/1422979>

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



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

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

3240049

<https://www.phoenixcontact.com/us/products/3240049>



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

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