

# CUC-K-D1ZNI-S/R4GCHP8 - RJ45 coupling



1086108

<https://www.phoenixcontact.com/us/products/1086108>

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RJ45 coupling, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, material: Metal, connection method: Coupling, cable outlet: straight, Keystone design for use with IP20 and IP67 panel mounting frame or integrated directly into the housing panel, Ethernet

## Your advantages

- Compact design
- Keystone adapter can be integrated directly into the housing panel
- Rugged design
- 10 Gbps
- Assembly without special tools
- CAT6A in accordance with ISO/IEC 11801
- 360° shielding
- PoE++ compatible

## Commercial data

Item number	1086108
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACB
GTIN	4055626877808
Weight per piece (including packing)	15 g
Weight per piece (excluding packing)	15 g
Customs tariff number	85366930
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
Number of slots	2
Cable outlet	straight

### Insulation characteristics

Overvoltage category	III
Degree of pollution	2

### Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated surge voltage	0.8 kV
Rated current	1 A (at 60 °C)
Max. operating voltage $U_{max}$	72 V DC
Frequency range	500 MHz
Insulation resistance	$\geq 500 \text{ M}\Omega$
Nominal current $I_N$	0.5 A
Contact resistance	200 m $\Omega$ (Trunk in to trunk out)
Transmission speed	10 Gbps
Transmission characteristics (category)	CAT6 <sub>A</sub>

### Connection data

#### Connection technology

Connection method	Coupling
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### Dimensions

Width	17.8 mm
Height	22.5 mm
Length	27 mm
Drill hole distance, horizontal	2.95 mm
Drill hole distance, vertical	3 mm

### Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact material	Spring steel
Contact surface material	Gold

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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)	60 °C

## Standards and regulations

Standards/specifications	IEC 60603-7
	DIN EN 50173-1
	ISO/IEC 11801-Am.1
	IEC 60068-2

## Mounting

Mounting type	Snap in
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1086108>



**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	27440325

### ETIM

ETIM 10.0	EC004746
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### UNSPSC

UNSPSC 21.0	43222600
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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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