

# CUC-V14-C1ZNI-T/R4P8 - RJ45 connector



1422667

<https://www.phoenixcontact.com/us/products/1422667>

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 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT5, material: Metal, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: angled, Ethernet

## Your advantages

- Push-pull ADVANCE connector
- Locking system to prevent inadvertent release
- Protected data transmission thanks to 360° shielding concept
- Highest ESD and EMC resistance for reliable transmission

## Commercial data

Item number	1422667
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB17
Product key	ABNOAA
GTIN	4055626311364
Weight per piece (including packing)	108.6 g
Weight per piece (excluding packing)	95.807 g
Customs tariff number	85366990
Country of origin	DE

# CUC-V14-C1ZNI-T/R4P8 - RJ45 connector



1422667

<https://www.phoenixcontact.com/us/products/1422667>

## Technical data

### Product properties

Product type	Data connector (cable side)
Type	RJ45
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Shielded	yes
Cable outlet	angled

### Insulation characteristics

Overvoltage category	I
Degree of pollution	2

### Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1.75 A
Frequency range	to 100 MHz
Nominal voltage $U_N$	48 V
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5
Transmission speed	1 Gbps
Power transmission	PoE++ in accordance with: IEEE 802.3bt

### Connection data

#### Connection technology

Connection method	IDC fast connection
Connection technology	QUICKON connection
Connection cross section AWG	23 ... 22 (solid) 23 ... 22 (flexible)
Conductor cross-section	0.23 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid) 0.23 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (flexible)

### Interfaces

Signal type/category	Ethernet CAT5, 1 Gbps
----------------------	-----------------------

### Dimensions

Width	22 mm
Height	50 mm
Length	80 mm

### Material specifications

# CUC-V14-C1ZNI-T/R4P8 - RJ45 connector



1422667

<https://www.phoenixcontact.com/us/products/1422667>

Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	Metal
Housing surface material	nickel-plated

## Cable/line

Signal type/category	Ethernet CAT5, 1 Gbps
External cable diameter	5.5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm
Cable cross section	0.25 mm <sup>2</sup>

## Mechanical properties

### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C

# CUC-V14-C1ZNI-T/R4P8 - RJ45 connector



1422667

<https://www.phoenixcontact.com/us/products/1422667>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1422667>



**cULus Recognized**

Approval ID: E335024-20170228



**cULus Recognized**

Approval ID: E335024-20170228

# CUC-V14-C1ZNI-T/R4P8 - RJ45 connector



1422667

<https://www.phoenixcontact.com/us/products/1422667>

## Classifications

### ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

### ETIM

ETIM 10.0	EC002636
-----------	----------

### UNSPSC

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

# CUC-V14-C1ZNI-T/R4P8 - RJ45 connector



1422667

<https://www.phoenixcontact.com/us/products/1422667>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	f4b7d3c8-105e-4dc1-af72-252e1b0b7d1b

### EF3.1 Climate Change

CO2e kg	4.911 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](mailto:info@phoenixcon.com)