

CUC-V14-C1ZNI-S/R4P8 - RJ45 connector



1422664

<https://www.phoenixcontact.com/us/products/1422664>

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: straight, 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	1422664
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAA
GTIN	4055626311333
Weight per piece (including packing)	101.5 g
Weight per piece (excluding packing)	88.647 g
Customs tariff number	85366990
Country of origin	PL

CUC-V14-C1ZNI-S/R4P8 - RJ45 connector



1422664

<https://www.phoenixcontact.com/us/products/1422664>

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	straight

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
Insulation resistance	> 500 MΩ
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 ² ... 0.32 mm ² (solid) 0.23 mm ² ... 0.36 mm ² (flexible)

Interfaces

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

Dimensions

Width	22.4 mm
Height	34 mm
Length	95 mm

1422664

<https://www.phoenixcontact.com/us/products/1422664>

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Seal material, O-ring	NBR
Seal material cable seal	CR
Seal material	NBR
Seal material, pin connector pattern	NBR
Housing material	Metal
Housing surface material	nickel-plated
Contact material	Cu/Sn
Contact surface material	Au/Ni
Contact carrier material	PC
Material for screw connection	CuZn

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 ²

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

Standards and regulations

Standards/specifications	IEC 61076
--------------------------	-----------

CUC-V14-C1ZNI-S/R4P8 - RJ45 connector



1422664

<https://www.phoenixcontact.com/us/products/1422664>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1422664>



cULus Recognized

Approval ID: E335024-20170228



cULus Recognized

Approval ID: E335024-20170228

CUC-V14-C1ZNI-S/R4P8 - RJ45 connector



1422664

<https://www.phoenixcontact.com/us/products/1422664>

Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

ETIM

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

UNSPSC

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

CUC-V14-C1ZNI-S/R4P8 - RJ45 connector



1422664

<https://www.phoenixcontact.com/us/products/1422664>

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	83d16b7f-4685-4691-8e6d-59c9c7bfa9e1

EF3.1 Climate Change

CO2e kg	2.767 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