

CUC-V14-C1ZNI-S/R4IP10G8 - RJ45 connector



1149843

<https://www.phoenixcontact.com/us/products/1149843>

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, 10 Gbps, CAT6_A, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: straight, Ethernet

Your advantages

- Easy and time-saving assembly with IDC fast connection technology
- Future-proof due to CAT6_A with 10 Gbps
- 360° shielding ensures reliable transmission, even in industrial applications
- Ideal companion for servicing or repairs in the field: no special tools required for mounting
- Locking system to prevent inadvertent release

Commercial data

Item number	1149843
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAA
GTIN	4063151145538
Weight per piece (including packing)	100 g
Weight per piece (excluding packing)	88.636 g
Customs tariff number	85366990
Country of origin	PL

1149843

<https://www.phoenixcontact.com/us/products/1149843>

Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
Number of positions	8
Connection profile	Variant 14
No. of cable outlets	1
Shielded	yes
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated current	1.75 A
Insulation resistance	> 500 M Ω
Nominal voltage U _N	48 V
Transmission medium	Copper
Transmission speed	10 Gbps
Transmission characteristics (category)	CAT6 _A
Transmission speed	10 Gbps
Power transmission	PoE++ in accordance with: IEEE 802.3bt
Wave impedance	100 Ω

Connection data

Connection technology

Connection method	IDC fast connection
Connection cross section AWG	23 ... 22 (solid)
	23 ... 22 (flexible)

Interfaces

Signal type/category	Ethernet CAT6 _A , 10 Gbps
----------------------	--------------------------------------

Dimensions

Width	22.4 mm
Height	34 mm
Length	95 mm

Material specifications

Flammability rating according to UL 94	V0
Seal material, O-ring	NBR
Seal material cable seal	CR

CUC-V14-C1ZNI-S/R4IP10G8 - RJ45 connector



1149843

<https://www.phoenixcontact.com/us/products/1149843>

Seal material	NBR
Seal material, pin connector pattern	NBR
Contact material	Cu/Sn
Contact surface material	Au/Ni
Contact carrier material	PC
Material for screw connection	CuZn

Cable/line

Signal type/category	Ethernet CAT6 _A , 10 Gbps
External cable diameter	5.5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm
Cable cross section	0.25 mm ²
Wave impedance	100 Ω

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C

Standards and regulations

Standards/specifications	IEC 61076-3-117
--------------------------	-----------------

CUC-V14-C1ZNI-S/R4IP10G8 - RJ45 connector



1149843

<https://www.phoenixcontact.com/us/products/1149843>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1149843>



cULus Recognized

Approval ID: E335024-20170228



cULus Recognized

Approval ID: E335024-20170228

CUC-V14-C1ZNI-S/R4IP10G8 - RJ45 connector



1149843

<https://www.phoenixcontact.com/us/products/1149843>

Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

ETIM

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

UNSPSC

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

1149843

<https://www.phoenixcontact.com/us/products/1149843>

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	33bf3667-7b45-4758-b387-186cc1da0a2e

EF3.1 Climate Change

CO2e kg	2.726 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