CUC-V14-C1ZNI-S/R4IE10G8 - RJ45 connector

1149841

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IDC



RJ45 connector, Version 14, Ethernet, CAT6$_A$ (10 Gbps), 8-position, connection method: IDC fast connection, connection cross section: AWG 26- 24, degree of protection: IP65/IP67

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	1149841
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAA
GTIN	4063151145842
Weight per piece (including packing)	102.1 g
Weight per piece (excluding packing)	88.612 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Product properties

Product type	Data connector (cable side)
Type	Version 14
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 MΩ
Nominal voltage U_N	48 V
Transmission medium	Copper
Transmission speed	10 Gbps
Transmission characteristics (category)	$CAT6_A$
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	26 ... 24 (solid)
	26 ... 24 (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
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

External cable diameter	5.5 mm ... 10 mm
External cable diameter	5.5 mm ... 10 mm
Cable cross section	0.14 mm²
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

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1149841

cULus Recognized
Approval ID: E335024-20170228

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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	56.5 V	1.75 A	-	-

Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

ETIM

ETIM 10.0	EC001121

UNSPSC

UNSPSC 21.0	39121400

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	528ae429-2bed-42b7-962d-e626ca800bba

EF3.1 Climate Change

CO2e kg	2.809 kg CO2e

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