

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



1149843

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, 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<sub>A</sub> 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

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## Technical data

### Product properties

Product type	Data connector (cable side)
Type	RJ45
Sensor type	Ethernet
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 <sub>A</sub>
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)

### 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

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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	0.25 mm <sup>2</sup>
Wave impedance	100 Ω

## Standards and regulations

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

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 <b>cULus Recognized</b> Approval ID: E335024-20170228				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	56.5 V	1.75 A	-	-

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## Classifications

### ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440114

### ETIM

ETIM 10.0	EC002636
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### UNSPSC

UNSPSC 21.0	39121400
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## 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

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