

1149843

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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)	102.95 g
Weight per piece (excluding packing)	89.05 g
Customs tariff number	85366990
Country of origin	PL

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



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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

Data management status

Article revision	04
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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 characteristics (category)	CAT6 _A
Transmission speed	10 Gbps
Power transmission	PoE++
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

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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	0.25 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
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Approvals

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

	cULus Recognized Approval ID: E335024-20170228			
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	56.5 V	0.175 A	-	-

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Classifications

ECLASS

ECLASS-11.0	27440101
ECLASS-12.0	27440113
ECLASS-13.0	27440116

ETIM

ETIM 9.0	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)
	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	33bf3667-7b45-4758-b387-186cc1da0a2e

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Accessories

VS-CABLE-STRIP-VARIO - Stripping tool

1657407

<https://www.phoenixcontact.com/us/products/1657407>

Stripping tool, for the multi-level stripping of shielded cables



MICROFOX-SP-1 - Diagonal cutter

1212487

<https://www.phoenixcontact.com/us/products/1212487>

Electronic diagonal cutter, tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version



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CUC-V14-F1ZNI-EM/R4F8 - Panel-mount frame

1413961

<https://www.phoenixcontact.com/us/products/1413961>



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 insert with IDC cable connection

CUC-V14-F1ZNI-EM/R4B8 - Panel-mount frame

1413962

<https://www.phoenixcontact.com/us/products/1413962>



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 coupling module

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CUC-V14-F1ZNI-EM/R4O - Panel-mount frame

1413963

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RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for PCB connection, for square panel cutout, with grommet and mounting screws

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com