CUC-V14-C1ZNI-B/R4E8:10 - RJ45 connector

1422677

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: angled

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	1422677
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB17
Product key	ABNOAA
Catalog page	Page 363 (C-2-2017)
GTIN	4055626311395
Weight per piece (including packing)	98.4 g
Weight per piece (excluding packing)	98 g
Customs tariff number	85366990
Country of origin	PL

Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252

Product properties

Product type	Data connector (cable side)
Type	RJ45
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Type	Version 14
Cable outlet	angled

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
Transmission medium	Copper
Transmission characteristics (category)	CAT5
Transmission speed	1 Gbps
Power transmission	PoE++

Connection data

Connection technology

Connection method	IDC fast connection
Connection technology	QUICKON connection
Connection cross section AWG	26 ... 24 (solid)
	26 ... 24 (flexible)
Conductor cross section	0.14 mm² ... 0.23 mm² (solid)
	0.14 mm² ... 0.25 mm² (flexible)

Dimensions

Width	22 mm
Height	50 mm
Length	80 mm

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	Metal
Housing surface material	nickel-plated

Cable/line

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

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

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1422677

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	-	-

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC002636

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)
	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	e39c617f-ecfa-47e8-9859-618afb781bc8

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



CUC-V14-F1ZNI-EM/R4F8 - Panel mounting frames

1413961

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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 mounting frames

1413962

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

CUC-V14-F1ZNI-EM/R4O - Panel mounting frames

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

VS-PPC-F1-PC-POBK - Protective cover

1405316

https://www.phoenixcontact.com/us/products/1405316



Protective cover, IP65, with push-pull locking for covering the contact insert in the push-pull connector for RJ45 and SC-RJ, plastic

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