

CUC-I-D1ZNI-S/R4GC8 - RJ45 coupling



1041760

<https://www.phoenixcontact.com/us/products/1041760>

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RJ45 coupling, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: Metal, connection method: Coupling, cable outlet: straight, Adapter-free design, Ethernet

Your advantages

- Compact design
- Assembly without special tools
- CAT6A in accordance with ISO/IEC 11801
- Rugged design
- 360° shielding
- Adapter-less integration of module inserts
- 10 Gbps

Commercial data

Item number	1041760
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACB
Catalog page	Page 375 (C-2-2019)
GTIN	4055626599915
Weight per piece (including packing)	14.34 g
Weight per piece (excluding packing)	14.3 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

Product type	Female insert
Type	RJ45
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Number of slots	2
Cable outlet	straight

Data management status

Article revision	02
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Insulation characteristics

Overvoltage category	III
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated surge voltage	0.8 kV
Rated current	1 A (at 60 °C)
Max. operating voltage $U_{\max}$	72 V DC
Frequency range	500 MHz
Insulation resistance	$\geq 500 \text{ M}\Omega$
Nominal current I_N	0.5 A
Contact resistance	200 m Ω (Trunk in to trunk out)
Transmission characteristics (category)	CAT6 _A

Connection data

Connection technology

Connection method	Coupling
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Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact material	Spring steel
Contact surface material	Gold

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750 (IEC 60603-7)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	60 °C

Standards and regulations

Standards/specifications	IEC 60603-7
	DIN EN 50173-1
	ISO/IEC 11801-Am.1
	IEC 60068-2

Mounting

Mounting type	Snap in
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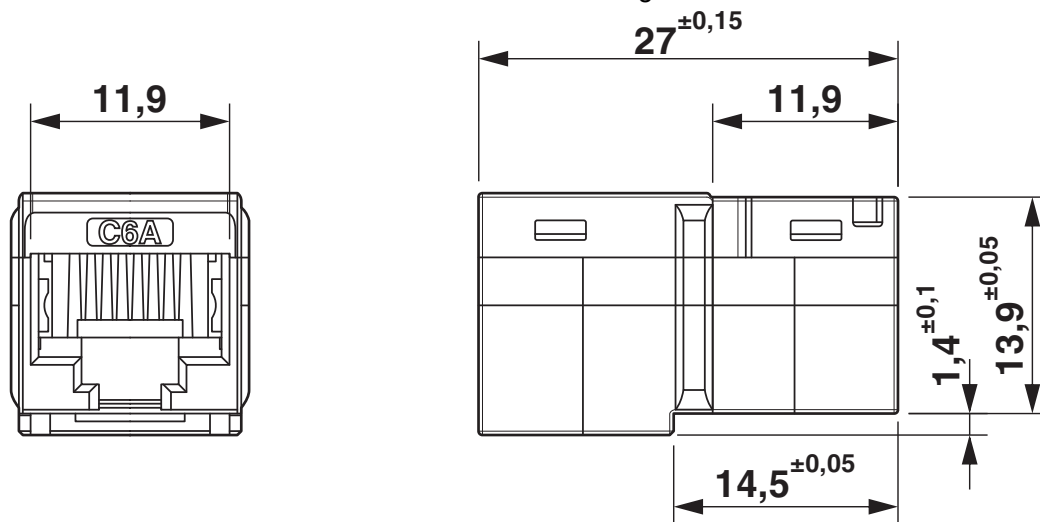
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Drawings

Dimensional drawing



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Approvals

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Approval ID: FILE E 335024



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Classifications

ECLASS

ECLASS-11.0	19179090
ECLASS-12.0	19179090
ECLASS-13.0	27061801

ETIM

ETIM 9.0	EC002608
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UNSPSC

UNSPSC 21.0	43222600
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Accessories

NBC-PP-G1PGY - DIN rail adapter

1041740

<https://www.phoenixcontact.com/us/products/1041740>



DIN rail adapter, design: Headers with shielding, degree of protection: IP20, material: PC-GF10, connection method: Quick connection, without assembled modules

CUC-PP-FR19:1U-I-EMPTY:24 - Marshalling panel

1422978

<https://www.phoenixcontact.com/us/products/1422978>



Patch bay, 19" mounting, IP20, with 24 slots selectively for RJ45 cable connection modules, RJ45 coupling modules, LC duplex, SC simplex and MPO, medium gray

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CUC-PP-FR19:1U-I-EMPTY:24 BK - Marshalling panel

1422979

<https://www.phoenixcontact.com/us/products/1422979>

Marshalling panel, design: RJ45, degree of protection: IP20, material: PC-GF, connection method: Quick connection, housing size: 1, color: black



VS-08-RJ45-10G/Q - RJ45 connector

1419001

<https://www.phoenixcontact.com/us/products/1419001>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: Plastic, connection method: Insulation displacement connection, connection cross section: AWG 26- 24, cable outlet: straight, color: black, Ethernet

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