CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

1086111

https://www.phoenixcontact.com/us/products/1086111

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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, Freenet design for use with IP67 panel mounting frame and terminal outlets, Ethernet

Your advantages

- Compact design
- Freenet adapter for integration into IP6X panel mounting frame
- Rugged design
- 10 Gbps
- Assembly without special tools
- CAT6A in accordance with ISO/IEC 11801
- 360° shielding

Commercial data

Item number	1086111
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACB
GTIN	4055626877129
Weight per piece (including packing)	15.2 g
Weight per piece (excluding packing)	15.2 g
Customs tariff number	85366930
Country of origin	PL

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

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	≥ 500 MΩ
Nominal current I_N	0.5 A
Contact resistance	200 mΩ (Trunk in to trunk out)
Transmission characteristics (category)	$CAT6_A$

Connection data

Connection technology

Connection method	Coupling

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

Environmental and real-life conditions

Ambient conditions

CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-10 °C ... 60 °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

CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

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Drawings

Dimensional drawing
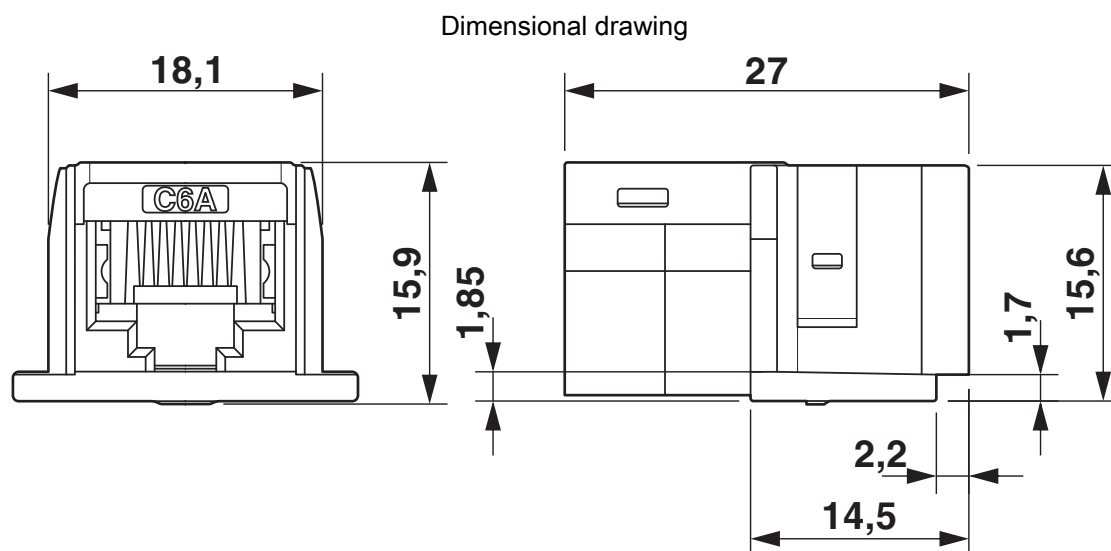
Approvals

💡 To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1086111

cUL Recognized
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

UNSPSC

UNSPSC 21.0	43222600

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%

CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

Accessories

VS-A-F-IP67 - Panel mounting frames

1653744

https://www.phoenixcontact.com/us/products/1653744

Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: gray

VS-A-F-IP67-BK - Panel mounting frames

1658668

https://www.phoenixcontact.com/us/products/1658668

Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: black

CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

1086111

https://www.phoenixcontact.com/us/products/1086111

VS-PPC-F1-RJ45-MNNA-1R-F - Panel mounting frames

1405358

https://www.phoenixcontact.com/us/products/1405358

RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, with the Freenet system, for square panel cutout, with grommet, without mounting screws

VS-PPC-F1-RJ45-MNNA-1C-F - Panel mounting frames

1405222

https://www.phoenixcontact.com/us/products/1405222

RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, with Freenet system, for round mounting cutout, with seal

CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

1086111

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VS-PPC-F1-RJ45-POBK-1R-F - Panel mounting frames

1608197

https://www.phoenixcontact.com/us/products/1608197

RJ45 panel mounting frame, IP67, for push-pull interlocking, plastic, with the Freenet system, for square panel cutout, with grommet, without mounting screws

VS-TO-OW-2-F-9010 - Terminal outlet

1653003

https://www.phoenixcontact.com/us/products/1653003

Terminal outlet, surface mounting, IP20, two slots for contact inserts with the Freenet system

CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

1086111

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VS-TO-IW-2-F-9010 - Terminal outlet

1653016

https://www.phoenixcontact.com/us/products/1653016

Terminal outlet, flush-type mounting, IP20, two slots for contact inserts with the Freenet system

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