CUC-F-J1ZNI-S/R4IDC8 - RJ45 socket insert

1418984

https://www.phoenixcontact.com/in/products/1418984

PHŒNIX CONTACT

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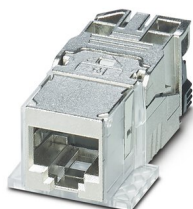
RJ45 socket insert, design: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, $CAT6_A$, material: Metal, connection method: IDC connection, connection cross section: AWG 26-22, cable outlet: straight, Freenet design for use with IP67 panel mounting frame and terminal outlets, Ethernet

Product Description

Freenet system

Your advantages

- Assembly without special tools
- Compact design
- Rugged design

Commercial Data

Item number	1418984
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	ABN
Product Key	ABNACA
Catalog Page	Page 351 (C-2-2019)
GTIN	4055626251431
Weight per Piece (including packing)	20 g
Weight per Piece (excluding packing)	20 g
Customs tariff number	85366990
Country of origin	PL

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Technical Data

Product properties

Type	RJ45
Product type	Female insert
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Number of slots	1
Shielded	yes
Cable outlet	straight

Insulation characteristics

Overvoltage category	III

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated surge voltage	0.8 kV
Frequency range	500 MHz
Insulation resistance	> 500 MΩ (100 V DC)
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.5 A
Transmission medium	Copper

Connection data

Connection technology

Connection method	IDC connection

Material specifications

Flammability rating according to UL 94	V0
Housing surface material	metal-plated
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	PC
Material, protective cover	PC
Housing material	Metal

Cable/line

External cable diameter	4.5 mm ... 9 mm
Wire diameter	0.4 mm ... 0.65 mm
Wire diameter including insulation	0.8 mm ... 1.6 mm

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	≥ 750

Environmental and real-life conditions

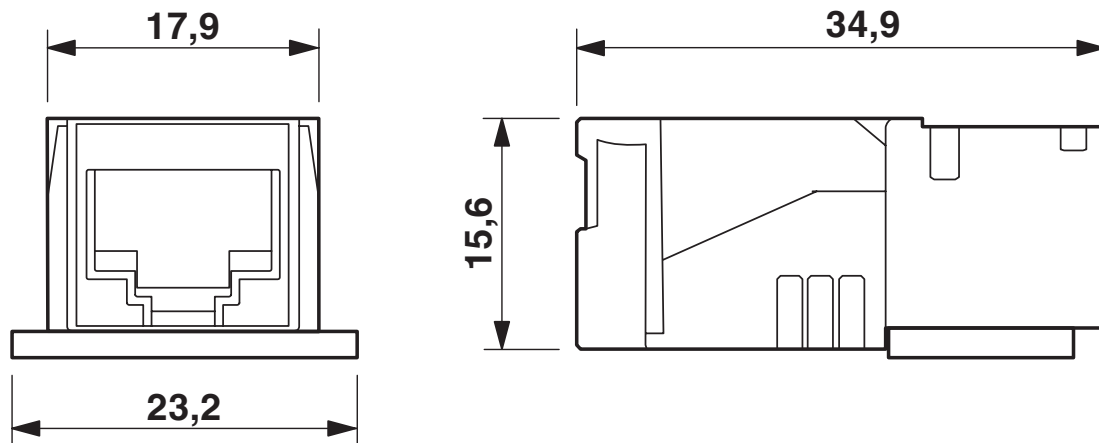| Ambient conditions	
Degree of protection	IP20
	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

Mounting

Mounting type	Snap in

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Drawings

Dimensional drawing

17,9

34,9

15,6

23,2

RJ45 socket insert, Freenet system

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Approvals

cUL Recognized
Approval ID: FILE E 335024

UL Recognized
Approval ID: FILE E 335024

EAC
Approval ID: B.01687

DNV GL
Approval ID: TAE000029B

Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 8.0	EC003557

UNSPSC

UNSPSC 21.0	39121400

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

VS-A-F-IP67 - Panel mounting frames

1653744

https://www.phoenixcontact.com/in/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

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

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1418984

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

1405358

https://www.phoenixcontact.com/in/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

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

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1418984

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

1608197

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

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

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1418984

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

1653016

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

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

VS-OE-OE-93B-100,0 - Data cable

1416389

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Data cable, PROFINET CAT5 (100 Mbps), 4-position, shielded, free cable end, on free cable end, cable length: 100 m

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1418984

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VS-OE-OE-94B-100,0 - Data cable

1416567

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Data cable, Ethernet CAT5 (1 Gbps), 8-position halogen-free, shielded, free cable end, on free cable end, cable length: 100 m

VS-OE-OE-94F/... - Data cable

1417359

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Data cable, Ethernet $CAT6_A$ (10 Gbps), 8-position halogen-free, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

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MICROFOX-SP-1 - Diagonal cutter

1212487

https://www.phoenixcontact.com/in/products/1212487

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

VS-CABLE-STRIP-VARIO - Stripping tool

1657407

https://www.phoenixcontact.com/in/products/1657407

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

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1418984

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C-SCFI 1,5/2,8X0,8 - Connector

3240049

https://www.phoenixcontact.com/in/products/3240049

Slip-on sleeve, red, 0.5 ... 1.5 mm^2, 2.8 x 0.8