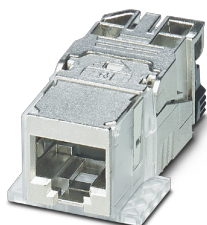


RJ45 socket insert - CUC-F-J1ZNI-S/R4IDC8 - 1418984

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RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, Freenet design for use with IP67 panel mounting frame and terminal outlets

Product Description


Freenet system

Your advantages

- assembly without special tools
- Compact design
- Rugged design



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 251431
GTIN	4055626251431

Technical data

Mechanical characteristics

Connection method	IDC connection
Number of slots	1
Minimum external conductor diameter	4.5 mm
Maximum external conductor diameter	9 mm
AWG solid min.	26
AWG solid max.	22
AWG multi-stranded min.	26
AWG multi-stranded max.	22
Weight	20 g
Type	RJ45
Flammability rating according to UL 94	V0

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Technical data

Ambient conditions

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

Material data

Contact surface material	Gold
Contact material	Copper alloy
Contact carrier material	PC
Housing material	Zinc die-cast
Mounting type	Snap in

Electrical characteristics

Number of positions	8
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.5 A
GRP transmission properties	CAT6 _A
Transmission speed	10 Gbps
Frequency range	500 MHz
Rated voltage (III/3)	72 V (DC)
Insulation resistance	> 500 MΩ (100 V DC)

Standards and Regulations

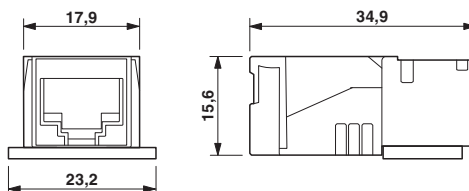
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

Drawings

Dimensional drawing



RJ45 socket insert, Freenet system

Classifications

eCl@ss

eCl@ss 10.0.1	27440205
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Classifications

eCl@ss

eCl@ss 11.0	27440223
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 4.0	EC000438
ETIM 6.0	EC000438

UNSPSC

UNSPSC 6.01	30212113
UNSPSC 7.0901	39121712
UNSPSC 11	39121712
UNSPSC 12.01	31261501
UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

Approvals

Approvals

Approvals

DNV GL / UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAE000029B
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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
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EAC			B.01687
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cULus Recognized			
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Accessories

Accessories

Data cable by the meter

Network cable - VS-OE-OE-93B-100,0 - 1416389



Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, shielded, free cable end, on free cable end, cable length: 100 m

Network cable - VS-OE-OE-94B-100,0 - 1416567



Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: 100 m

Network cable - VS-OE-OE-94F/... - 1417359



Network cable, Ethernet CAT6_A (10 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

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Accessories

Electronics pliers

Diagonal cutter - MICROFOX-SP-1 - 1212487



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

Network distributor box

Terminal outlet - VS-TO-OW-2-F-9010 - 1653003



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

Terminal outlet - VS-TO-IW-2-F-9010 - 1653016



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

Panel mounting frame

Panel mounting frames - VS-A-F-IP67 - 1653744



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

Panel mounting frames - VS-A-F-IP67-BK - 1658668



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

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Accessories

Panel mounting frames - VS-PPC-F1-RJ45-MNNA-1R-F - 1405358



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

Panel mounting frames - VS-PPC-F1-RJ45-MNNA-1C-F - 1405222



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

Panel mounting frames - VS-PPC-F1-RJ45-POBK-1R-F - 1608197



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

Network cable - NBC-150,0-94E - 1408133



CAT6a S/STP cable, 4 x 2 x 23 AWG, solid (1-wire), shielded, outer sheath: PUR, halogen-free, outside diameter: 8.0 mm, RAL 5021 (water blue), cable ring: 150 m

Stripping tool - VS-CABLE-STRIP-VARIO - 1657407

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



Additional products

RJ45 socket insert - CUC-F-J1ZNI-S/R4IDC8 - 1418984

Accessories

Connector - C-SCFI 1,5/2,8X0,8 - 3240049



Slip-on sleeve, red, 0.5 ... 1.5 mm², 2.8 x 0.8

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