

RJ45 socket insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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, Keystone design for use with IP20 panel mounting frame or integrated directly into the housing panel

Product Description

Keystone system

Your advantages

- assembly without special tools
- Compact design
- Rugged design



Key Commercial Data

Packing unit	1 pc
GTIN	 4 0 5 5 6 2 6 2 5 1 4 4 8
GTIN	4055626251448
Weight per Piece (excluding packing)	0.020 kg
Custom tariff number	85366990
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Mechanical characteristics

Number of positions	8
Number of slots	1
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	IDC connection
Connection cross section AWG	26 ... 22 (solid)

RJ45 socket insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021

Technical data

Mechanical characteristics

	26 ... 22 (flexible)
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
Insulation resistance	> 500 MΩ (100 V DC)
Degree of protection	IP20

Ambient conditions

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

Material data

Housing material	Zinc die-cast
Contact carrier material	PC
Contact material	CuSn
Contact surface material	Gold over nickel

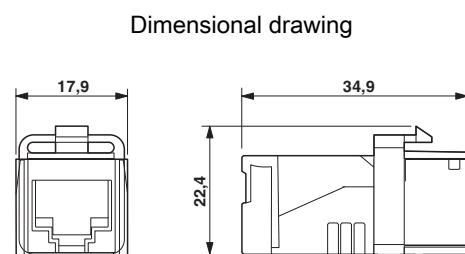
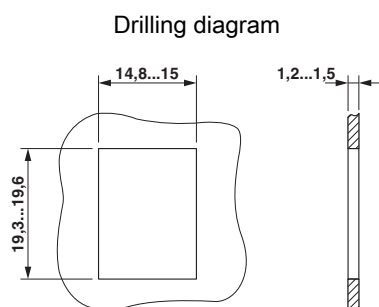
Electrical characteristics

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)

Environmental Product Compliance

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

Drawings



RJ45 socket insert, keystone

Panel cutout

RJ45 socket insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

UNSPSC

UNSPSC 6.01	30212113
UNSPSC 7.0901	39121712
UNSPSC 11	39121712
UNSPSC 12.01	31261501
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

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

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
---------------	--	---	---------------

RJ45 socket insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021

Approvals

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
----------------	--	---	---------------

EAC			B.01742
-----	--	--	---------

cULus Recognized			
------------------	--	--	--

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)

Electronics pliers

RJ45 socket insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021

Accessories

Diagonal cutter - MICROFOX-SP-1 - 1212487



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

Panel mounting frame

Panel mounting frames - VS-08-A-RJ45/MOD-1-IP20 - 1689433



RJ45 panel mounting frame, 1x, IP20, for modular socket inserts (Keystone), without mounting screws

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



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

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

Additional products

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



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

