CUC-K-J1ZNI-S/R4IDC8 - RJ45 jack insert

1419021

https://www.phoenixcontact.com/lt/products/1419021

PHŒNIX CONTACT

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RJ45 jack 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, Keystone design for use with IP20 panel mounting frame or integrated directly into the housing panel, Ethernet

Product description

Keystone system

Your advantages

- Assembly without special tools
- Compact design
- Rugged design

Commercial data

Item number	1419021
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	ABN
Product key	ABNACA
Catalog page	Page 374 (C-2-2019)
GTIN	4055626251448
Weight per piece (including packing)	20.13 g
Weight per piece (excluding packing)	20.13 g
Customs tariff number	85366990
Country of origin	PL

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Technical data

Product properties

Type	RJ45
Product type	Female insert
Sensor type	Ethernet
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
Transmission characteristics (category)	$CAT6_A$
Power transmission	PoE+

Connection data

Connection technology

Connection method	IDC connection

Material specifications

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

Drilling plan/solder pad geometry

14,8...15

19,3...19,6

1,2...1,5
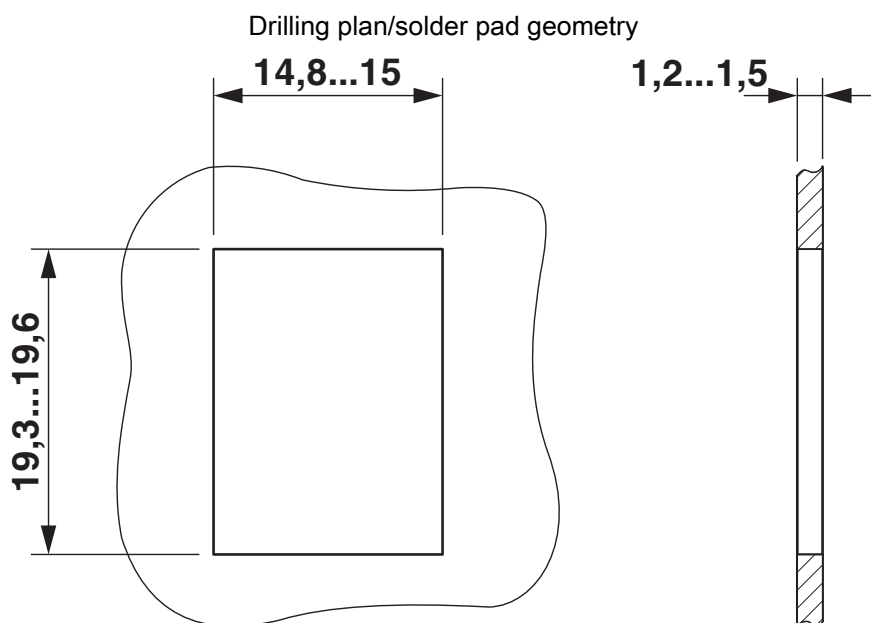
Panel cutout

Dimensional drawing

17,9

34,9

22,4
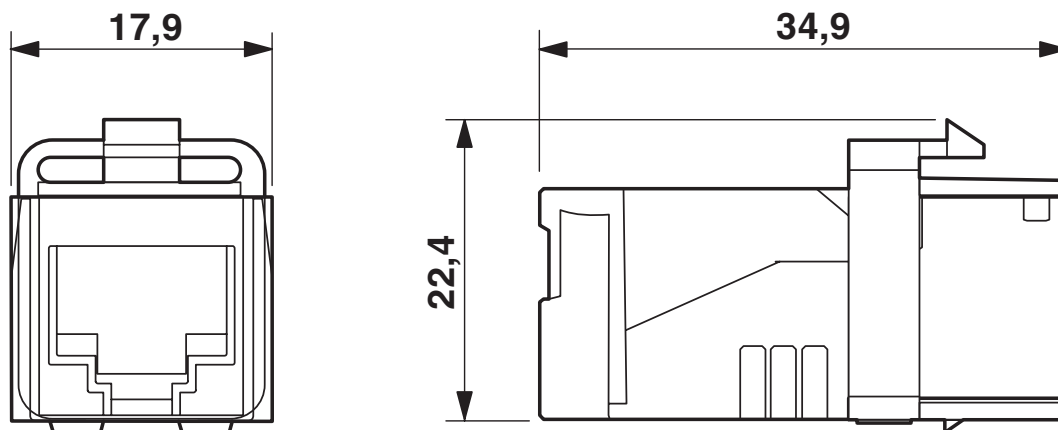
RJ45 socket insert, keystone

Approvals

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Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27460201

ETIM

ETIM 9.0	EC003557

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

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