

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

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RJ45 socket insert, Degree of protection: IP20, Number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, Material: Zinc die-cast, Connection method: IDC connection, Connection cross section: AWG 26-22

### Product Description

Freenet system

### Why buy this product

- ☒ assembly without special tools
- ☒ Compact design
- ☒ Rugged design



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 251431
GTIN	4055626251431
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Mechanical characteristics

Number of positions	8
Number of slots	1
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750

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### Technical data

#### Mechanical characteristics

Connection method	IDC connection
Connection cross section AWG	26 ... 22 (solid)
	26 ... 22 (stranded)
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)	-10 °C ... 60 °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
GRP transmission properties	CAT6 <sub>A</sub>
Transmission speed	10 Gbps
Frequency range	500 MHz
Rated voltage (III/3)	1000 V DC

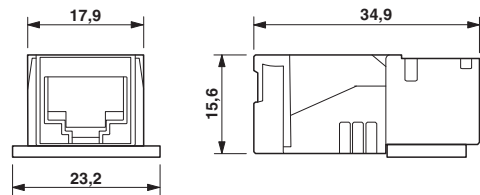
#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

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

Dimensional drawing



RJ45 socket insert, Freenet system

Approvals





Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
EAC			B.01742
cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	