

## RJ45 connector - CUC-IND-C1ZNI-B/R4IP8 - 1421127

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RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 23- 22, cable outlet: angled

### Your advantages

- assembly without special tools
- One-Piece Design
- AWG 23-22
- 360° shielding
- High shock and vibration resistance



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 254661
GTIN	4055626254661

### Technical data

#### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	IDC fast connection
Conductor cross section	0.23 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid) 0.23 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (flexible)
Connection cross section AWG	23 ... 22 (solid) 23 ... 22 (flexible)
Max. cable diameter	5 mm ... 9 mm
External cable diameter	5 mm ... 9 mm
Cable outlet	angled

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## Technical data

### Mechanical characteristics

Wire diameter including insulation	≤ 1.6 mm
Degree of protection	IP20
Type	RJ45, IP20
No. of cable outlets	1

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
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### Material data

Flammability rating according to UL 94	V0
Housing material	Zinc die-cast
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel

### Electrical characteristics

Number of positions	8
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps
Frequency range	to 100 MHz
Rated current	1.75 A
Overvoltage category	I
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

Flammability rating according to UL 94	V0
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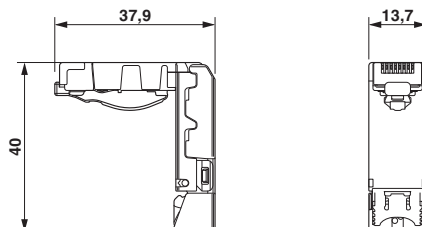
### Environmental Product Compliance

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

## Drawings

# RJ45 connector - CUC-IND-C1ZNI-B/R4IP8 - 1421127

Dimensional drawing



RJ45 connector, IP20

## Approvals


Approvals

Approvals

cULus Recognized

Ex Approvals

## Approval details

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> E335024-20170228
Nominal voltage UN	56.5 V	
Nominal current IN	0.175 A	

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