

## RJ45 connector - CUC-IND-C1ZNI-S/R4IE8 - 1421607

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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 26-24, cable outlet: straight


### Why buy this product

- ☒ assembly without special tools
- ☒ One-Piece Design
- ☒ AWG 26-24
- ☒ 360° shielding
- ☒ High shock and vibration resistance

**RoHS**

**Ethernet**

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 276915
GTIN	4055626276915

### Technical data

#### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	IDC fast connection
Conductor cross section	0.14 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (stranded)
Connection cross section AWG	26 ... 24 (solid) 26 ... 24 (stranded)
Max. cable diameter	5 mm ... 9 mm
External cable diameter	5 mm ... 9 mm
Cable outlet	straight

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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)
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)	50 V

#### Standards and Regulations

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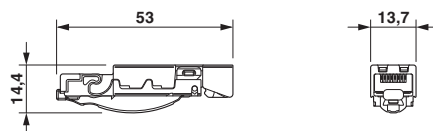
#### Environmental Product Compliance

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

### Drawings

## RJ45 connector - CUC-IND-C1ZNI-S/R4IE8 - 1421607

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 current I <sub>N</sub>	0.175 A
Nominal voltage U <sub>N</sub>	56.5 V

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