

## RJ45 connector - CUC-IND-C1ZNI-B/R4QV6 - 1406338

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RJ45 connector, degree of protection: IP20, number of positions: 6, 100 Mbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: angled, High degree of resistance to vibration; 360° shielding; one-piece design; special tool-free assembly

### Your advantages

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



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356760744

### Technical data

#### Mechanical characteristics

Number of positions	6
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	IDC fast connection
Conductor cross section	4x 0.25 mm <sup>2</sup> ... 0.34 mm <sup>2</sup> (Data (solid and stranded))
	2x 0.23 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (Power (solid and stranded))
Connection cross section AWG	4x 26 ... 24 (Data (solid and stranded))
	2x 23 ... 22 (Power (solid and stranded))
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
Height	40 mm

### Electrical characteristics

Number of positions	6
Nominal voltage U <sub>N</sub>	48 V
Transmission speed	100 Mbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Transmission speed	100 Mbps
Frequency range	to 100 MHz
Rated current	1.75 A
Overvoltage category	I
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

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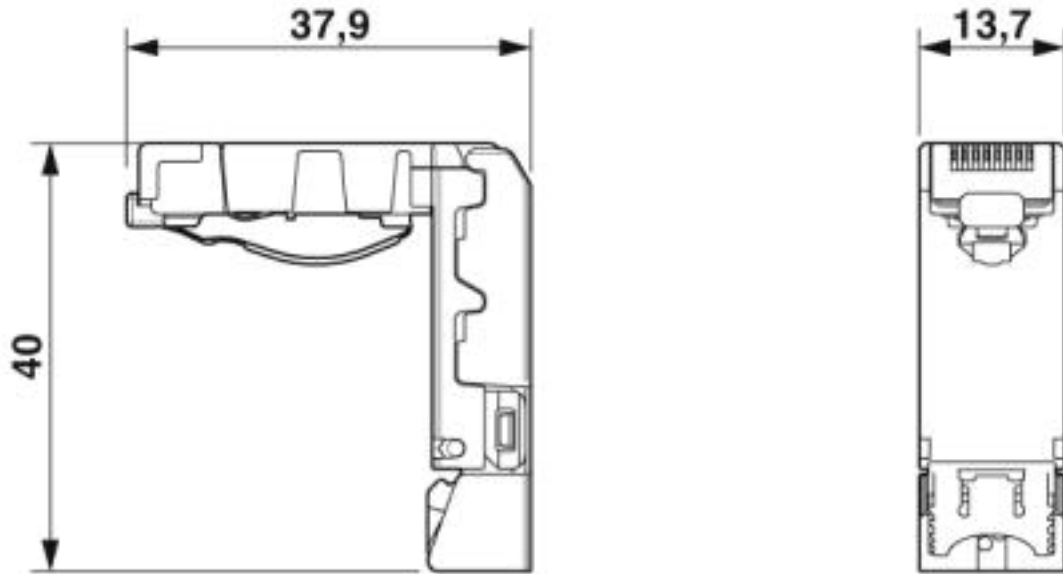
### Environmental Product Compliance

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

## Drawings

# RJ45 connector - CUC-IND-C1ZNI-B/R4QV6 - 1406338

Dimensional drawing



## Approvals

Approvals

Approvals

cULus Recognized / EAC

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		

EAC		B.01742
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