

RJ45 connector - CUC-IND-C1ZNI-T/R4QV6 - 1406341

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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 | 4046356760874 |

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 ² ... 0.34 mm ² (Data (solid and stranded)) |
| | 2x 0.23 mm ² ... 0.32 mm ² (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 |
|---------------------------------|------------------|

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 | 41.2 mm |

Electrical characteristics

| | |
|---|---|
| Number of positions | 6 |
| Nominal voltage U _N | 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 |
|--|----|

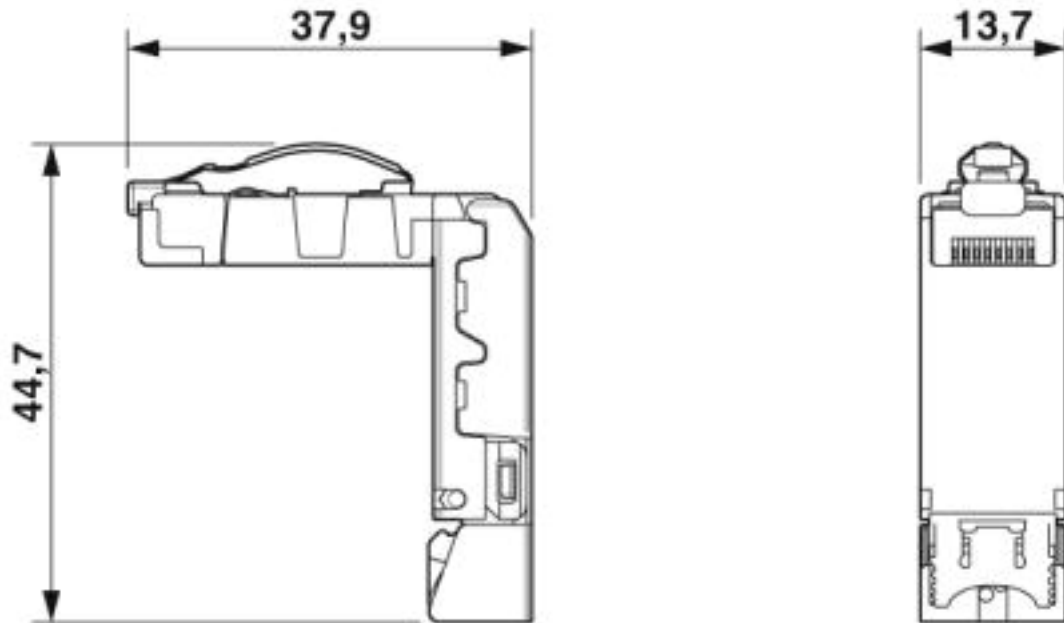
Environmental Product Compliance

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

Drawings

RJ45 connector - CUC-IND-C1ZNI-T/R4QV6 - 1406341

Dimensional drawing



Approvals


Approvals

Approvals

cULus Recognized / EAC

Ex Approvals

Approval details

| | | |
|--------------------|---------|--|
| cULus Recognized | |  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335024-20170228 |
| | | |
| Nominal voltage UN | 56.5 V | |
| Nominal current IN | 0.175 A | |

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

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