

RJ45 connector - CUC-IND-C1ZNI-T/R4IP8 - 1421128

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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 exit: angled

Why buy this product

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



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| GTIN |  4 055626 254678 |
| GTIN | 4055626254678 |
| Weight per Piece (excluding packing) | 32.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

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 ² ... 0.32 mm ² (solid) |
| | 0.23 mm ² ... 0.36 mm ² (stranded) |
| Connection cross section AWG | 23 ... 22 (solid) |
| | 23 ... 22 (stranded) |

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Technical data

Mechanical characteristics

| | |
|------------------------------------|---------------|
| Max. cable diameter | 5 mm ... 9 mm |
| External cable diameter | 5 mm ... 9 mm |
| Cable exit | angled |
| Wire diameter including insulation | ≤ 1.6 mm |
| Degree of protection | IP20 |
| Design | 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 |

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 |
|--|----|

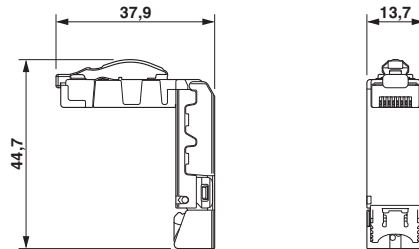
Environmental Product Compliance

| | |
|------------|---|
| 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-T/R4IP8 - 1421128

Dimensional drawing



RJ45 connector, IP20

Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

Approval details

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

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