

RJ45 connector - CUC-IND-C1ZNI-T/R4IE8 - 1421877

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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: angled

Your advantages

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



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 055626 315706 |
| GTIN | 4055626315706 |

Technical data

Mechanical characteristics

| | |
|-------------------------------------|---|
| Connection method | IDC fast connection |
| Minimum external conductor diameter | 5 mm |
| Maximum external conductor diameter | 9 mm |
| Overvoltage category | I |
| AWG solid min. | 26 |
| AWG solid max. | 24 |
| AWG multi-stranded min. | 26 |
| AWG multi-stranded max. | 24 |
| Cable outlet | angled |
| No. of cable outlets | 1 |
| Conductor cross section | 0.14 mm ² ... 0.25 mm ² (solid) |

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Technical data

Mechanical characteristics

| | |
|--------|--|
| | 0.14 mm ² ... 0.25 mm ² (flexible) |
| Weight | 31.5 g |

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 70 °C |
|---------------------------------|------------------|

Material data

| | |
|--------------------------|------------------|
| Contact surface material | Gold over nickel |
| Contact material | Copper alloy |
| Contact carrier material | PC |
| Housing material | Zinc die-cast |
| Width | 37.9 mm |
| Height | 41.2 mm |
| Length | 13.6 mm |

Electrical characteristics

| | |
|---|---|
| Number of positions | 8 |
| Nominal voltage U _N | 48 V |
| 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 |
|--|----|

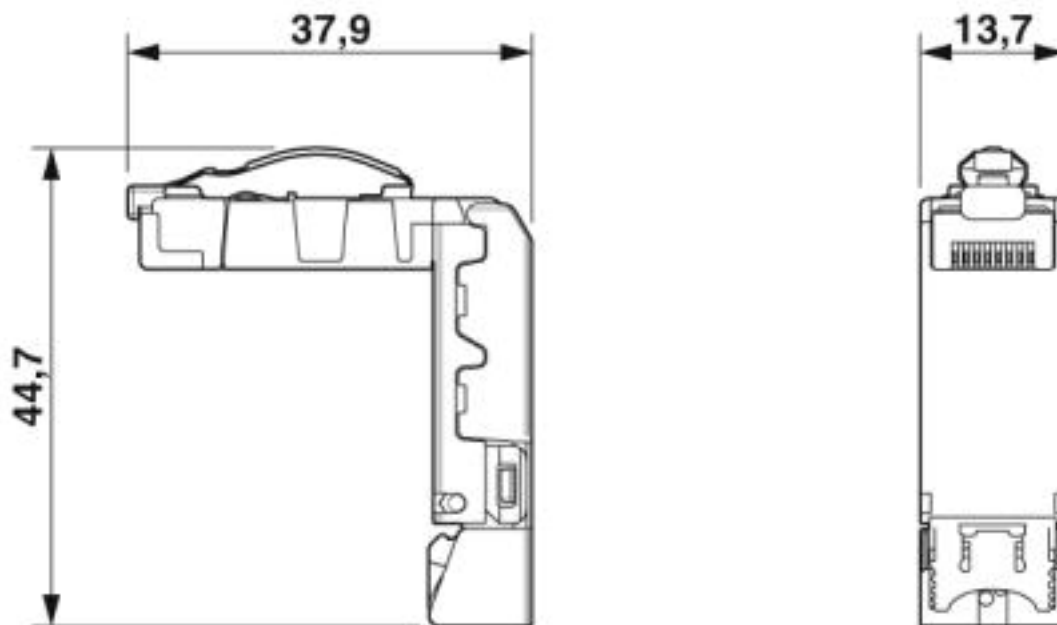
Environmental Product Compliance

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

Drawings

RJ45 connector - CUC-IND-C1ZNI-T/R4IE8 - 1421877

Dimensional drawing



RJ45 connector, IP20

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27440101 |
| eCl@ss 4.0 | 27260700 |
| eCl@ss 4.1 | 27260700 |
| eCl@ss 5.0 | 27260700 |
| eCl@ss 5.1 | 27260700 |
| eCl@ss 6.0 | 27260700 |
| eCl@ss 7.0 | 27440101 |
| eCl@ss 8.0 | 27440101 |
| eCl@ss 9.0 | 27440101 |

ETIM

| | |
|----------|----------|
| ETIM 5.0 | EC002636 |
| ETIM 6.0 | EC002636 |
| ETIM 7.0 | EC002636 |

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121409 |
| UNSPSC 18.0 | 39121409 |
| UNSPSC 19.0 | 39121409 |
| UNSPSC 20.0 | 39121409 |

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121409 |
|-------------|----------|

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.01687 |
|-----|--|---------|

Accessories

Accessories

Data cable by the meter

Network cable - VS-OE-OE-94B-100,0 - 1416567



Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: 100 m

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Accessories

Network cable - VS-OE-OE-94B/... - 1417333



Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

Electronics pliers

Diagonal cutter - MICROFOX-SP-1 - 1212487



Electronic diagonal cutter, tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version

Female insert

RJ45 socket insert - CUC-F-J1ZNI-S/R4IDC8 - 1418984



RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, Freenet design for use with IP67 panel mounting frame and terminal outlets

RJ45 coupling - CUC-F-D1ZNI-S/R4GC8 - 1419022



RJ45 coupling, type: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT6, material: Zinc die-cast, connection method: Female

RJ45 socket insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021



RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, Keystone design for use with IP20 panel mounting frame or integrated directly into the housing panel

Patch panel

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Accessories

DIN rail adapter - CUC-PP-D1PGY/R4GC8 - 1418094



DIN rail adapter, type: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT6, material: PC-GF, connection method: Coupling, color: gray

Terminal marking

Marker for terminal blocks - TMT 5 R - 0816430



Marker for terminal blocks, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, perforated, mounting type: snap into universal marker groove, snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 6.4 x 5.15 mm, Number of individual labels: 19000

Stripping tool - VS-CABLE-STRIP-VARIO - 1657407



Stripping tool, for the multi-level stripping of shielded cables

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