

RJ45 connector - CUC-IND-C1ZNI-B/R4IP8 - 1421127

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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 outlet: 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 254661 |
| GTIN | 4055626254661 |
| Weight per Piece (excluding packing) | 32.100 g |
| Sales Key | ABNAAA |

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) |
| 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 |

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 |
|--|----|

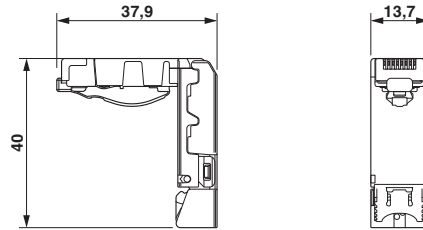
Environmental Product Compliance

| | |
|------------|---|
| 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-B/R4IP8 - 1421127

Dimensional drawing



RJ45 connector, IP20

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27261204 |
| eCl@ss 7.0 | 27440205 |
| eCl@ss 8.0 | 27440101 |
| eCl@ss 9.0 | 27440101 |

ETIM

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

UNSPSC

| | |
|-------------|----------|
| UNSPSC 13.2 | 39121409 |
|-------------|----------|

Approvals

Approvals

Approvals

cULus Recognized

Ex Approvals

Approval details

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Approvals

| | | |
|--------------------------------|---------|--|
| 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 | |

Accessories

Accessories

Data cable by the meter

Network cable - VS-OE-OE-93B-100,0 - 1416389



Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, shielded, free cable end, on free cable end, cable length: 100 m

Network cable - VS-OE-OE-93B/... - 1417362



Network cable, PROFINET CAT5 (100 Mbps), 4-position, PVC, green RAL 6018, 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

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Accessories

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, Use only with IP20 panel mounting frame or integrated directly into the housing panel

Patch panel

DIN rail adapter - VS-PP-F-RJ45-CAT6 - 1658118



DIN rail adapter, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT6, material: PC-GF, connection method: IDC fast connection, connection cross section: AWG 24- 22, color: gray

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, 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

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Accessories

Marker for terminal blocks - TMT 5 R RD - 0816427



Marker for terminal blocks, Roll, red, unlabeled, can be labeled with: 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

Marker for terminal blocks - TMT 5 R GN - 0816401



Marker for terminal blocks, Roll, green, unlabeled, can be labeled with: 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

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



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