

CUC-K-D1ZNI-S/R4GCHP8 - RJ45 coupling



1086108

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RJ45 coupling, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, material: Metal, connection method: Coupling, cable outlet: straight, Keystone design for use with IP20 and IP67 panel mounting frame or integrated directly into the housing panel, Ethernet

Your advantages

- Compact design
- Keystone adapter can be integrated directly into the housing panel
- Rugged design
- 10 Gbps
- Assembly without special tools
- CAT6A in accordance with ISO/IEC 11801
- 360° shielding
- PoE++ compatible

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1086108 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB10 |
| Product key | ABNACB |
| GTIN | 4055626877808 |
| Weight per piece (including packing) | 15.4 g |
| Weight per piece (excluding packing) | 15.4 g |
| Customs tariff number | 85366930 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|---------------------|---------------|
| Product type | Female insert |
| Type | RJ45 |
| Sensor type | Ethernet |
| Number of positions | 8 |
| Connection profile | RJ45 |
| Number of slots | 2 |
| Cable outlet | straight |

Data management status

| | |
|------------------|----|
| Article revision | 01 |
|------------------|----|

Insulation characteristics

| | |
|----------------------|-----|
| Overvoltage category | III |
| Degree of pollution | 2 |

Electrical properties

| | |
|---|--|
| Rated voltage (III/3) | 72 V (DC) |
| Rated surge voltage | 0.8 kV |
| Rated current | 1 A (at 60 °C) |
| Max. operating voltage U_{max} | 72 V DC |
| Frequency range | 500 MHz |
| Insulation resistance | $\geq 500 \text{ M}\Omega$ |
| Nominal current I_N | 0.5 A |
| Contact resistance | 200 m Ω (Trunk in to trunk out) |
| Transmission characteristics (category) | CAT6 _A |

Connection data

Connection technology

| | |
|-------------------|----------|
| Connection method | Coupling |
|-------------------|----------|

Dimensions

| | |
|---------------------------------|---------|
| Width | 17.8 mm |
| Height | 22.5 mm |
| Length | 27 mm |
| Drill hole distance, horizontal | 2.95 mm |
| Drill hole distance, vertical | 3 mm |

Material specifications

| | |
|--|--------------|
| Flammability rating according to UL 94 | V0 |
| Housing material | Metal |
| Housing surface material | metal-plated |

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| | |
|--------------------------|--------------|
| Contact material | Spring steel |
| Contact surface material | Gold |

Mechanical properties

Mechanical data

| | |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 750 |
|-----------------------------|-------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP20 |
| | IP20 |
| Ambient temperature (operation) | -25 °C ... 70 °C |
| Ambient temperature (storage/transport) | 60 °C |

Standards and regulations

| | |
|--------------------------|--------------------|
| Standards/specifications | IEC 60603-7 |
| | DIN EN 50173-1 |
| | ISO/IEC 11801-Am.1 |
| | IEC 60068-2 |

Mounting

| | |
|---------------|---------|
| Mounting type | Snap in |
|---------------|---------|

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Approvals

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Approval ID: FILE E 335024



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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 19179090 |
| ECLASS-12.0 | 19179090 |
| ECLASS-13.0 | 27061801 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC003249 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 43222600 |
|-------------|----------|

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Environmental product compliance

| | |
|---|--|
| EU RoHS | |
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
| China RoHS | |
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |
| EU REACH SVHC | |
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

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