

## 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 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
Weight per Piece (excluding packing)	40.000 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 <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid)
	0.23 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (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
Type	RJ45, IP20
No. of cable outlets	1

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
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#### 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 GBit/s
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)

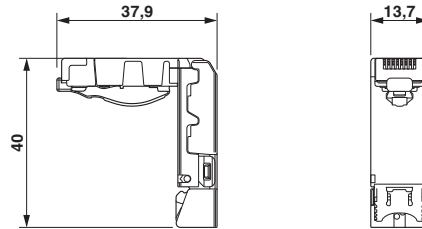
#### Standards and Regulations

Flammability rating according to UL 94	V0
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### Drawings

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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
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### 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

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### Accessories

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 ... 400.0 m)

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### 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

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### 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 X, 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: 6.4 x 5.15 mm

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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 X, 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: 6.4 x 5.15 mm

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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 X, 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: 6.4 x 5.15 mm

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### Accessories

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

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

