

## RJ45 connector - CUC-IND-C1ZNI-B/R4IE8 - 1421876

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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 287560
GTIN	4055626287560
Weight per Piece (excluding packing)	20.000 g
Custom tariff number	85366990
Country of origin	Poland

### 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

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### Technical data

#### Mechanical characteristics

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 <sup>2</sup> ... 0.25 mm <sup>2</sup> (solid)
	0.14 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (flexible)
Weight	31 g
Flammability rating according to UL 94	V0

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C (cable, fixed installation)
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#### Material data

Contact surface material	Gold over nickel
Contact material	Copper alloy
Contact carrier material	PC
Housing material	Zinc die-cast
Width	37.95 mm
Height	40 mm
Length	13.65 mm
Housing material	GD-Zn

#### Electrical characteristics

Number of positions	8
Nominal voltage U <sub>N</sub>	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
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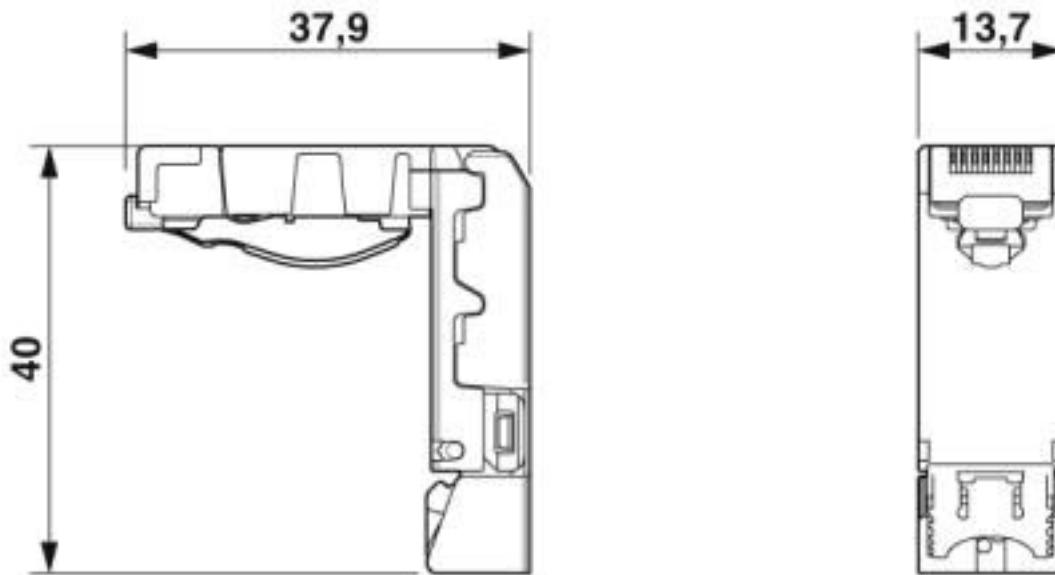
## Technical data

### Environmental Product Compliance

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

## Drawings

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

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## Classifications

### 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
UNSPSC 21.0	39121409

## Approvals


### Approvals


Approvals

cULus Recognized / EAC

Ex Approvals

### Approval details

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E335024-20170228
Nominal voltage UN	56.5 V		
Nominal current IN	0.175 A		

EAC		B.01687
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## Accessories

Accessories

Data cable by the meter

## RJ45 connector - CUC-IND-C1ZNI-B/R4IE8 - 1421876

### Accessories

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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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)

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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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### 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<sub>A</sub>, 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

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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 connector - CUC-IND-C1ZNI-B/R4IE8 - 1421876

### Accessories

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#### 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<sub>A</sub>, 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

#### 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