

## RJ45 connector - CUC-IND-C1ZNI-S/R4IE10G8 - 1149846

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RJ45 connector, IP20, CAT6<sub>A</sub>, 8-pos., with IDC fast connection technology, for AWG 26 - 24 1-wire, 7-wire, and 19-wire conductors

### Your advantages

- ✓ Easy and time-saving assembly with IDC fast connection technology
- ✓ Innovative one-piece design prevents mounting errors and the loss of small parts
- ✓ Future-proof due to CAT6<sub>A</sub> with 10 Gbps
- ✓ Ideal for demanding applications due to the high shock and vibration resistance as well as the extended temperature range
- ✓ 360° shielding ensures reliable transmission, even in industrial applications
- ✓ Ideal companion for servicing or repairs in the field: no special tools required for mounting



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 063151 146320
GTIN	4063151146320
Weight per Piece (excluding packing)	13.700 g
Custom tariff number	85366990
Country of origin	Poland
Sales Key	ABNAAC

### 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

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## Technical data

### Mechanical characteristics

AWG multi-stranded min.	26
AWG multi-stranded max.	24
Insertion/withdrawal cycles	≥ 750
Number of positions	8
Degree of pollution	2
Cable outlet	straight
No. of cable outlets	1
Locking type	Locking clips
Weight	13.7 g
Flammability rating according to UL 94	V0
Head 1 pin pattern	RJ45

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
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### Material data

Contact surface material	Au/Ni
Contact material	Copper alloy
Contact carrier material	PC
Housing material	Zinc die-cast
Width	13.6 mm
Height	14.4 mm
Length	53 mm
Housing surface material 1	Cu/Ni

### Electrical characteristics

Number of positions	8
Transmission speed	10 Gbps
Transmission characteristics (category)	CAT6 <sub>A</sub> (IEC 60512-27-100:2008, TIA-568-C.2:2009)
GRP transmission properties	CAT6 <sub>A</sub> (IEC 60512-27-100:2008, TIA-568-C.2:2009) CAT6 <sub>A</sub> (IEC 60512-27-100:2008, TIA-568-C.2:2009)
Transmission speed	10 Gbps
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Insulation resistance	> 500 MΩ

### Standards and Regulations

Flammability rating according to UL 94	V0
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## Classifications

eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 11.0	27440101
eCl@ss 9.0	27440101

## Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

## Approval details

EAC		B.01687
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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	

## Accessories

Accessories

Data cable by the meter

Network cable - VS-OE-OE-94F/... - 1417359



Network cable, Ethernet CAT6<sub>A</sub> (10 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)

Data plug

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### Accessories

RJ45 connector - CUC-IND-C1ZNI-S/R4IP10G8 - 1149847



RJ45 connector, IP20, CAT6<sub>A</sub>, 8-pos., with IDC fast connection technology, for AWG 23 - 22 1-wire, 7-wire, and 19-wire conductors

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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 PCB connectors - CUC-IND-J1ST-A/R4LS-LED-PG - 1099281



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

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RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS-LED-PG - 1099282



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

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RJ45 PCB connectors - CUC-IND-J1ST-A/R4LS-PG - 1099280



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

## RJ45 connector - CUC-IND-C1ZNI-S/R4IE10G8 - 1149846

### Accessories

RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS-PG - 1099279



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

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RJ45 PCB connectors - CUC-IND-J1ST-A/R4LS-LED - 1091950



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

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RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS-LED - 1091947



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

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RJ45 PCB connectors - CUC-IND-J1ST-A/R4LS - 1091946



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

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RJ45 PCB connectors - CUC-IND-J1ST-S/R4LS - 1091942



RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

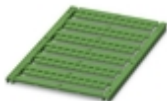
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### Terminal marking

## RJ45 connector - CUC-IND-C1ZNI-S/R4IE10G8 - 1149846

### Accessories

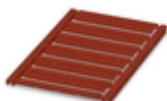
#### Marker for terminal blocks - UCT-TMF 5 GN - 0829193



Marker for terminal blocks, Sheet, green, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

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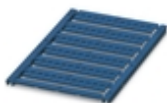
#### Marker for terminal blocks - UCT-TMF 5 RD - 0829189



Marker for terminal blocks, Sheet, red, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

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#### Marker for terminal blocks - UCT-TMF 5 BU - 0829192



Marker for terminal blocks, Sheet, blue, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

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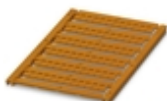
#### Marker for terminal blocks - UCT-TMF 5 YE - 0828745



Marker for terminal blocks, Sheet, yellow, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

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#### Marker for terminal blocks - UCT-TMF 5 OG - 0829190



Marker for terminal blocks, Sheet, orange, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: 4.4 x 4.7 mm, Number of individual labels: 72

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### Accessories

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

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



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

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