

Data plug - CUC-IND-C1ZNI-S/R4IP10G8 - 1149847

<https://www.phoenixcontact.com/il/products/1149847>

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RJ45 connector, IP20, CAT6_A, 8-pos., with IDC fast connection technology, for AWG 23 - 22 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
- 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

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Commercial Data

Order Key	1149847
Packing unit	1 pc
Minimum order quantity	1 pc
GTIN	4063151144562
Weight per Piece (including packing)	18.2 GRM
Weight per Piece (excluding packing)	13.7 GRM
Customs tariff number	85366990
Country of origin	PL

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Technical Data

Cable / line

Electrical properties

Wave impedance	100 Ω
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Cable structure

Wire diameter including insulation	≤ 1.6 mm
External cable diameter	5 mm ... 9 mm

Connector

Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP20

Electrical properties

Rated current	1.75 A
Contact resistance	0.001 Ω (Wire IDC)
	0.005 Ω (Litz wire)
Insulation resistance	> 500 M Ω

Mechanical properties

Interlock

Locking type	Locking clips
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Dimensions

Length	53 mm
Height	14.4 mm
Width	13.6 mm

Material specifications

Contact material	Copper alloy
Contact surface material	Au/Ni
Color	yellow
Housing material	Zinc die-cast
Flammability rating according to UL 94	V0
Contact carrier material	PC

Characteristics

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Shielded	yes
Cable outlet	straight
No. of cable outlets	1

Product properties

Number of positions	8
Type	RJ45, IP20
	RJ45
Locking type	Locking clips

Insulation characteristics

Overvoltage category	I
Degree of pollution	2


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Approvals

EAC 

cULus Recognized 

Nominal voltage U_N

56.5 V

Nominal current I_N

0.175 A

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Accessories

Female insert

Female insert - 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

Female insert

Female insert - 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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Female insert

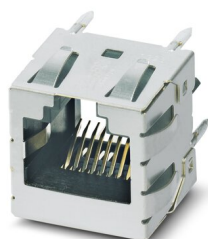
Female insert - CUC-IND-J1ST-A/R4LS-PG - 1099280



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

Female insert

Female insert - 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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Female insert

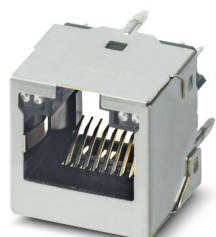
Female insert - CUC-IND-J1ST-A/R4LS-LED - 1091950



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

Female insert

Female insert - 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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Female insert

Female insert - 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

Female insert

Female insert - CUC-IND-J1ST-S/R4LS - 1091942



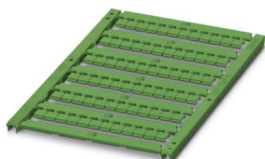
RJ45 PCB connectors, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, connection method: THR solder connection

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Terminal marking

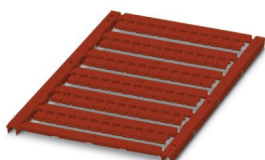
Terminal marking - UCT-TMF 5 GN - 0829193



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

Terminal marking

Terminal marking - UCT-TMF 5 RD - 0829189



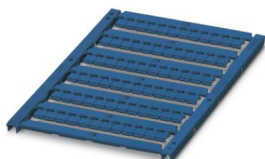
Marker for terminal blocks, Sheet, red, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: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

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Terminal marking

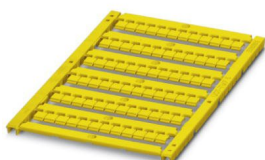
Terminal marking - UCT-TMF 5 BU - 0829192



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

Terminal marking

Terminal marking - 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

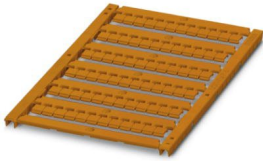
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Terminal marking

Terminal marking - 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

Terminal marking

Terminal marking - 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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Data plug

Data plug - CUC-IND-C1ZNI-S/R4IE10G8 - 1149846



RJ45 connector, IP20, CAT6_A, 8-pos., with IDC fast connection technology, for AWG 26 - 24 1-wire, 7-wire, and 19-wire conductors

Electronics pliers

Electronics pliers - 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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