

Data plug - CUC-IND-C1ZNI-S/R4IE8 - 1421607

<https://www.phoenixcontact.com/il/products/1421607>

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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: straight, color: green, Ethernet

Your advantages

- assembly without special tools
- One-Piece Design
- AWG 26-24
- 360° shielding
- High shock and vibration resistance

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Commercial Data

Order Key	1421607
Packing unit	1 pc
Minimum order quantity	1 pc
Catalog Page	Page 373 (C-2-2019)
GTIN	4055626276915
Weight per Piece (including packing)	18.3 GRM
Weight per Piece (excluding packing)	14.0 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
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 ... 70 °C
Degree of protection	IP20

Notes

Environmental Product Compliance

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

Frequency range	to 100 MHz
Rated current	1.75 A
Contact resistance	0.001 Ω (Wire – IDC) 0.005 Ω (Litz wires – IDC)
Insulation resistance	> 500 M Ω
Nominal voltage U_N	48 V
Rated voltage (III/3)	72 V (DC)

Mechanical properties

Interlock

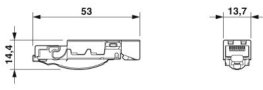
Locking type	Locking clips
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Dimensions

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Dimensional drawing	
Length	53 mm
Height	14.4 mm
Width	13.6 mm

Material specifications

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

Characteristics

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

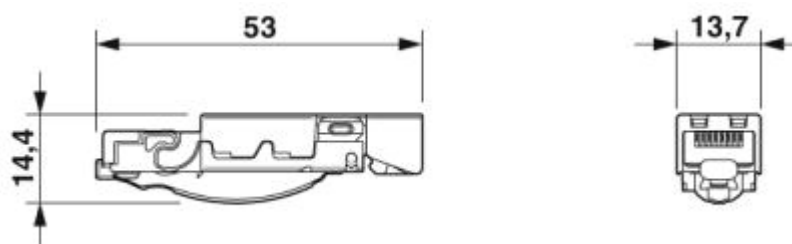
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Drawings

Dimensional drawing




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Approvals

cULus Recognized 

Nominal voltage U_N

56.5 V

Nominal current I_N

0.175 A

EAC 

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Environmental Product Compliance

China RoHS

Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

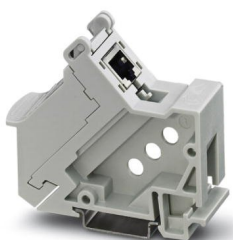
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Accessories

Patch panel

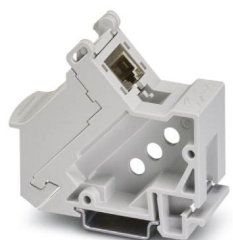
Patch panel - VS-PP-F-RJ45-CAT6 - 1658118



DIN rail adapter, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT6, material: PC-GF, connection method: IDC fast connection, connection cross section: AWG 24- 22, color: gray

Patch panel

Patch panel - 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

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Data cable by the meter

Data cable by the meter - 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

Data cable by the meter

Data cable by the meter - VS-OE-OE-94B/... - 1417333



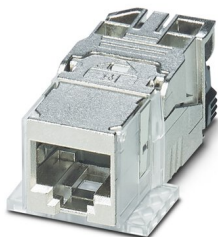
Network cable, Ethernet CAT5 (1 Gbps), 8-position, PUR halogen-free, water blue RAL 5021, shielded, free cable end, on free cable end, cable length: Free entry (0.5 ... 400 m)

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Female insert

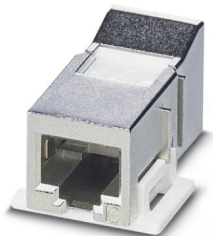
Female insert - CUC-F-J1ZNI-S/R4IDC8 - 1418984



RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, 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

Female insert

Female insert - 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

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Female insert

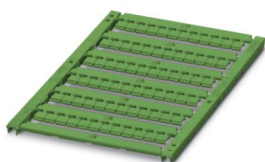
Female insert - CUC-K-J1ZNI-S/R4IDC8 - 1419021



RJ45 socket insert, type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6_A, 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

Terminal marking

Terminal marking - UCT-TMF 5 GN - 0829193



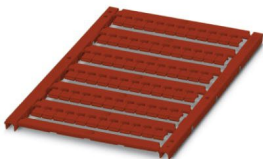
Marker for terminal blocks, Sheet, green, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: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

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Terminal marking

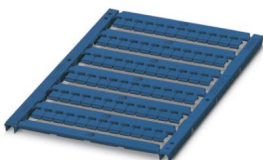
Terminal marking - UCT-TMF 5 RD - 0829189



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

Terminal marking

Terminal marking - UCT-TMF 5 BU - 0829192



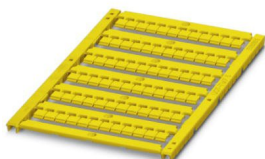
Marker for terminal blocks, Sheet, blue, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snap into flat marker groove, for terminal block width: 5.2 mm, lettering field size: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

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Terminal marking

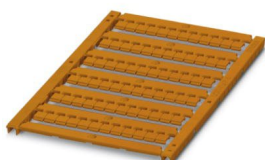
Terminal marking - UCT-TMF 5 YE - 0828745



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

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

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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

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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PHOENIX CONTACT Israel Ltd.
P.O.B. 1799 Industrial Park Hasharon
Quadima 60920
+972-9-8915700
info@phoenixcontact.co.il



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