CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

1086111

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800 V
IEC



RJ45 coupling, RJ45, Ethernet, CAT6$_A$ (10 Gbps), 8-position, connection method: Coupling, material: Metal, degree of protection: IP20, Freenet design for use with IP67 panel mounting frame and terminal outlets

Your advantages

- Compact design
- Freenet adapter for integration into IP6X panel mounting frame
- Rugged design
- 10 Gbps
- Assembly without special tools
- CAT6A in accordance with ISO/IEC 11801
- 360° shielding

Commercial data

Item number	1086111
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACB
GTIN	4055626877129
Weight per piece (including packing)	15 g
Weight per piece (excluding packing)	15.2 g
Customs tariff number	85366930
Country of origin	PL

Technical data

Product properties

Product type	Female insert
Type	RJ45
Number of positions	8
Connection profile	RJ45
Number of slots	2
Cable outlet	straight

Insulation characteristics

Overvoltage category	III
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated surge voltage	0.8 kV
Rated current	1 A (at 60 °C)
Max. operating voltage U_{max}	72 V DC
Frequency range	500 MHz
Insulation resistance	≥ 500 MΩ
Nominal current I_N	0.5 A
Contact resistance	200 mΩ (Trunk in to trunk out)
Transmission speed	10 Gbps
Transmission characteristics (category)	$CAT6_A$

Connection data

Connection technology

Connection method	Coupling

Interfaces

Signal type/category	Ethernet $CAT6_A$ (In accordance with ISO/IEC 11801), 10 Gbps

Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact material	Spring steel
Contact surface material	Gold

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	-10 °C ... 60 °C
Ambient temperature (storage/transport)	60 °C

Standards and regulations

Standards/specifications	IEC 60603-7
	DIN EN 50173-1
	ISO/IEC 11801-Am.1
	IEC 60068-2

Mounting

Mounting type	Snap in

Approvals

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cUL Recognized
Approval ID: E335024-DUXR8

UL Recognized
Approval ID: E335024-DUXR2

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440325

ETIM

ETIM 10.0	EC001134

UNSPSC

UNSPSC 21.0	43222600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	1.48 kg CO2e

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