CUC-V06-C1PBK-S/R4CEA:1 - RJ45 connector

1414410

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CRIMP



RJ45 connector, RJ45, Ethernet/PROFINET, CAT6$_A$ (10 Gbps), 8-position, connection method: Crimp connection, material: Plastic, connection cross section: AWG 24- 27, degree of protection: IP67

Commercial data

Item number	1414410
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNNAB
GTIN	4055626028323
Weight per piece (including packing)	18.4 g
Weight per piece (excluding packing)	16.324 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Shielded	no
Cable outlet	straight

Insulation characteristics

Overvoltage category	I
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1 A
Frequency range	to 500 MHz
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.75 A
Transmission medium	Copper
Transmission speed	10 Gbps (500 MHz)
Transmission characteristics (category)	$CAT6_A$

Connection data

Connection technology

Connection method	Crimp connection
Connection cross section AWG	24 ... 27 (flexible)
Conductor cross-section	0.1 mm² ... 0.2 mm² (flexible)

Interfaces

Signal type/category	Ethernet/PROFINET $CAT6_A$, 10 Gbps (500 MHz)

Dimensions

Width	38.4 mm
Height	53 mm
Length	19.9 mm

Material specifications

Flammability rating according to UL 94	V0
Seal material, O-ring	NBR
Seal material	TPE
Housing material	Plastic

Cable seal material	NBR
Contact material	Phosphor bronze
Contact surface material	Gold
Contact carrier material	PC
O-ring material	FPM

Cable/line

External cable diameter	5 mm ... 8.5 mm
Cable cross section	0.1 mm²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 1000

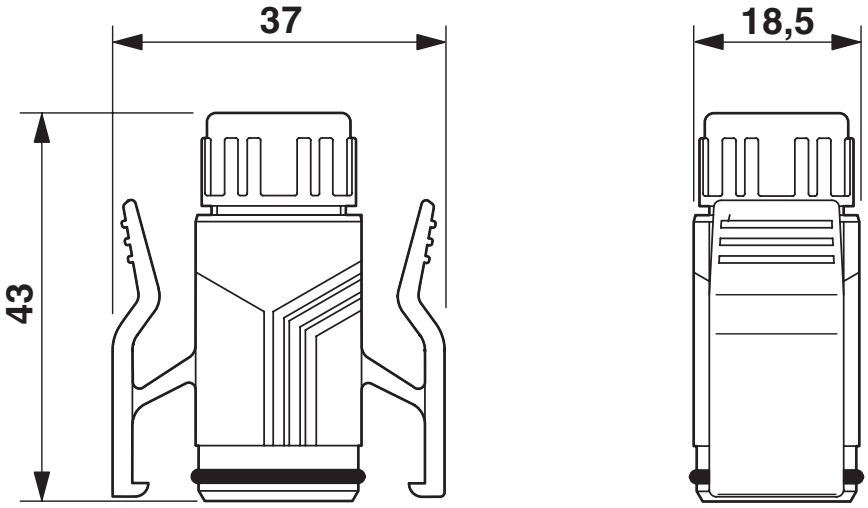
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 60 °C

Drawings

Dimensional drawing



RJ45 sleeve housing IP67

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440114

ETIM

ETIM 10.0	EC002636

UNSPSC

UNSPSC 21.0	39121400

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.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	906cf7f2-b8b3-40bf-b5e6-8a4161715b63

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