CUC-V06-C1PBK-S/R4CE8:1 - RJ45 connector

1414408

https://www.phoenixcontact.com/us/products/1414408

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

CRIMP



RJ45 connector, RJ45, Ethernet/PROFINET, CAT6 (1 Gbps), 8-position, connection method: Crimp connection, material: Plastic, connection cross section: AWG 24- 27, degree of protection: IP67

Commercial data

Item number	1414408
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB17
Product key	ABNNAB
GTIN	4055626028309
Weight per piece (including packing)	19.8 g
Weight per piece (excluding packing)	17.62 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	yes
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 250 MHz
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.75 A
Transmission medium	Copper
Transmission speed	1 Gbps (250 MHz)
Transmission characteristics (category)	CAT6

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, 1 Gbps (250 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	≥ 750

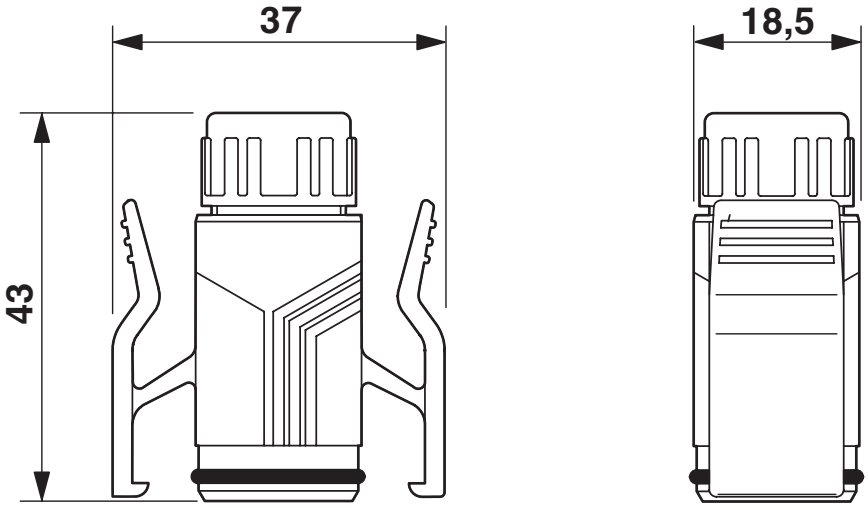
Environmental and real-life conditions

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	EC001121

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	9a68450c-b416-479d-baef-7174c63060fc

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com