

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



1414408

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RJ45 connector, design: RJ45, degree of protection: IP67, number of positions: 8, 1 Gbps, CAT6, material: Plastic, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: black, Ethernet/PROFINET

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
Catalog page	Page 350 (C-2-2019)
GTIN	4055626028309
Weight per piece (including packing)	19.8 g
Weight per piece (excluding packing)	19.8 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
Sensor type	Ethernet/PROFINET
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Type	RJ45
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 characteristics (category)	CAT6
Transmission speed	1 Gbps

Connection data

Connection technology

Connection method	Crimp connection
Connection cross section AWG	24 ... 27 (flexible)
Conductor cross section	0.1 mm ² ... 0.2 mm ² (flexible)

Dimensions

Width	38.4 mm
Height	53 mm
Length	19.9 mm

Material specifications

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

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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 mm ²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750
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Environmental and real-life conditions

Ambient conditions

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

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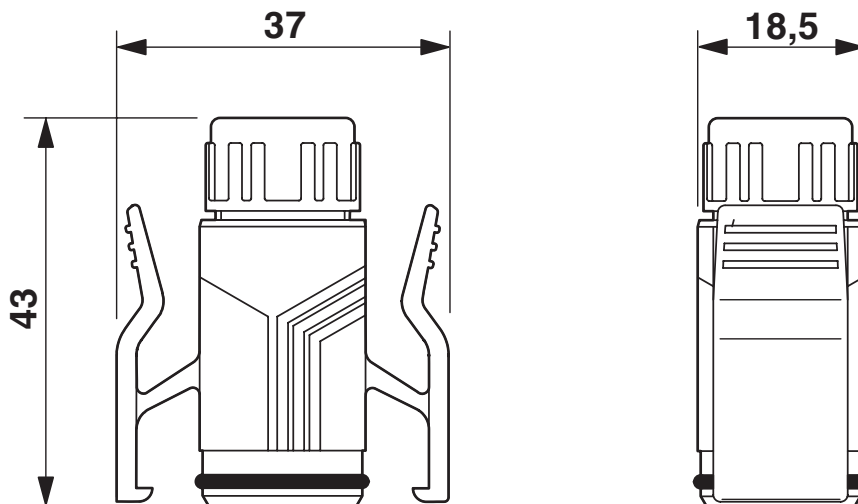


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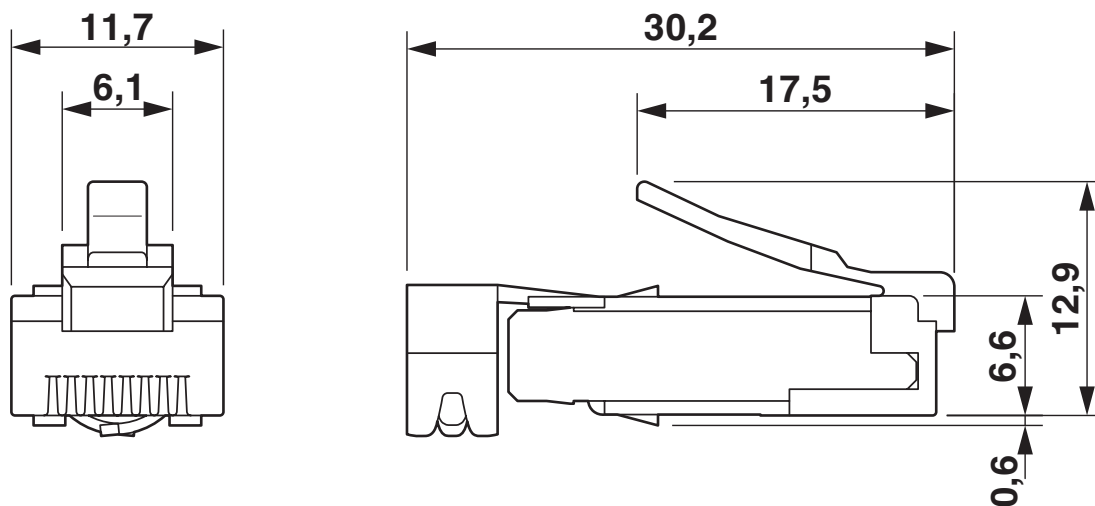
Drawings

Dimensional drawing



RJ45 sleeve housing IP67

Dimensional drawing



RJ45 male insert

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Classifications

ECLASS

ECLASS-11.0	27440101
ECLASS-12.0	27440113
ECLASS-13.0	27440116

ETIM

ETIM 9.0	EC002636
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UNSPSC

UNSPSC 21.0	39121400
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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

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Accessories

VS-CT-RJ45-H - Crimping pliers

1653265

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Crimp tool, pliers with die, for RJ45 pin inserts VS-08-ST-H...-RJ45 and VS-08-RJ45-10G/C

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