

# RJ45 connector - CUC-V06-C1PBK-S/R4CEA:1 - 1414410


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RJ45 connector, contact inserts: x , degree of protection: IP67, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, material: PA, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: black



## Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 028323
GTIN	4055626028323

## Technical data

### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 1000
Connection method	Crimp connection
Type of contact	Crimp contacts
Conductor cross section	0.1 mm <sup>2</sup> ... 0.2 mm <sup>2</sup> (flexible)
Connection cross section AWG	24 ... 27 (flexible)
External cable diameter	5 mm ... 8.5 mm
Cable outlet	straight
Color	black
Degree of protection	IP67
Type	RJ45, IP67, version 6
No. of cable outlets	1

### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
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## Technical data

### Material data

Flammability rating according to UL 94	V0
Housing material	PA
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold
O-ring material	FPM
Cable seal material	NBR

### Electrical characteristics

Number of positions	8
Nominal voltage $U_N$	72 V (DC)
Nominal current $I_N$	1.75 A
Transmission characteristics (category)	CAT6 <sub>A</sub>
GRP transmission properties	CAT6 <sub>A</sub> CAT6 <sub>A</sub>
Transmission speed	10 Gbps (500 MHz)
Frequency range	to 500 MHz
Rated current	1 A
Overvoltage category	I
Degree of pollution	2
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

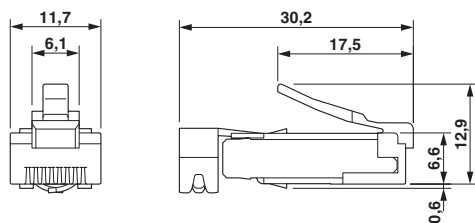
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

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

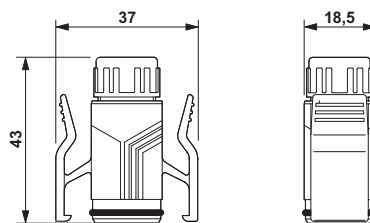
## Drawings

Dimensional drawing



Male insert

Dimensional drawing



RJ45 sleeve housing IP67

## Approvals

### Approvals

## RJ45 connector - CUC-V06-C1PBK-S/R4CEA:1 - 1414410

### Approvals

Approvals

EAC

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Ex Approvals

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### Approval details

EAC		B.01742
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