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

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RJ45 connector, degree of protection: IP67, number of positions: 8, 10 Gbps, CAT6$_A$, material: PA, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: black, Ethernet/PROFINET

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 028323
GTIN	4055626028323

Technical data

Mechanical characteristics

Connection method	Crimp connection
Minimum external conductor diameter	5 mm
Maximum external conductor diameter	8.5 mm
Overvoltage category	I
AWG solid min.	24
AWG solid max.	27
Degree of pollution	2
Cable outlet	straight
No. of cable outlets	1
Conductor cross section	0.1 mm² ... 0.2 mm² (flexible)
Weight	18.4 g
Flammability rating according to UL 94	V0

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C

Material data

Contact surface material	Gold

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Technical data

Material data

Contact material	Phosphor bronze
Contact carrier material	PC
Seal material	TPE
Housing material	PA
Seal material, O-ring	NBR
Seal material	TPE
Width	38.4 mm
Height	53 mm
Length	19.9 mm

Electrical characteristics

Number of positions	8
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.75 A
Transmission characteristics (category)	$CAT6_A$
GRP transmission properties	$CAT6_A$ $CAT6_A$
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

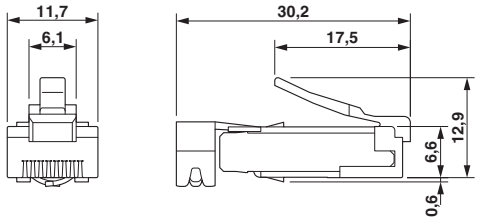
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

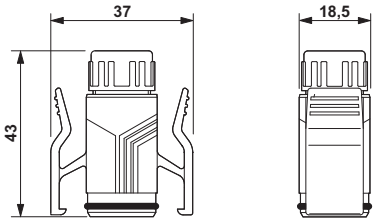
Drawings

Dimensional drawing



Male insert

Dimensional drawing



RJ45 sleeve housing IP67

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Classifications

eCl@ss

eCl@ss 10.0.1	27440101
eCl@ss 11.0	27440101
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440101
eCl@ss 9.0	27440101

ETIM

ETIM 6.0	EC002636
ETIM 7.0	EC002636

UNSPSC

UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EAC	B.01687

Accessories

Accessories

Crimping tool

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Accessories

Crimping pliers - VS-CT-RJ45-H - 1653265



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

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