

CUC-V06-C1PGY-S/R4CEA:1 - RJ45 connector



1414406

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RJ45 connector, design: RJ45, degree of protection: IP67, number of positions: 2, 10 Gbps, CAT6_A, material: Plastic, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: gray, Ethernet/PROFINET

Commercial data

Item number	1414406
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNNAB
Catalog page	Page 350 (C-2-2019)
GTIN	4055626028279
Weight per piece (including packing)	18.1 g
Weight per piece (excluding packing)	18.1 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	2
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 500 MHz
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.75 A
Transmission medium	Copper
Transmission characteristics (category)	CAT6 _A
Transmission speed	10 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	19.9 mm
Length	53 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Housing material	Plastic
Cable seal material	NBR
Contact material	Phosphor bronze

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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	≥ 1000
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Environmental and real-life conditions

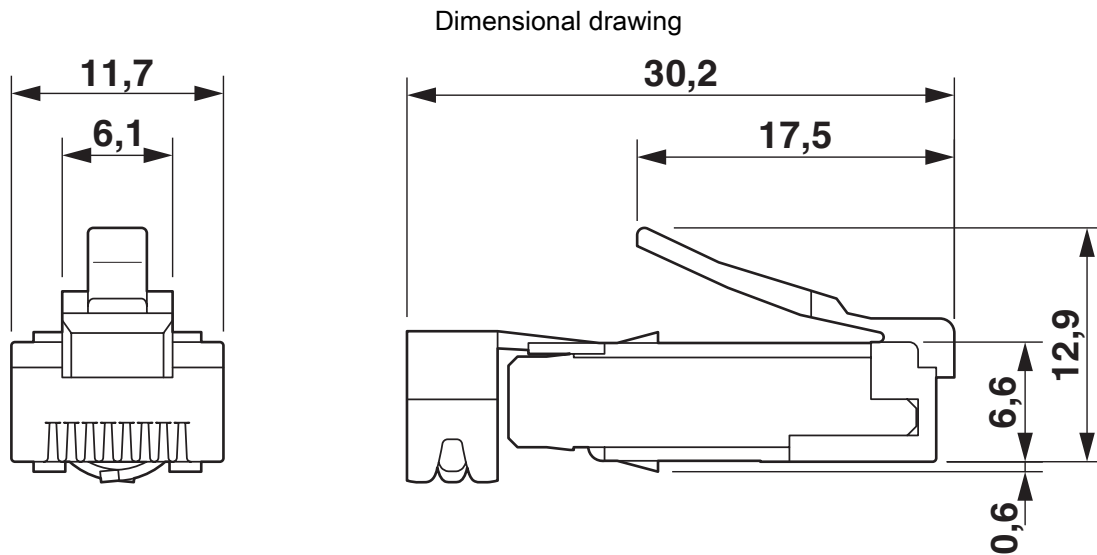
Ambient conditions

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

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Drawings



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	EC002635
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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	9f9dbbdc-71ed-4a2c-b3d7-3d4002efb2bc