

1608113

<https://www.phoenixcontact.com/pc/products/1608113>

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.



RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT6, material: Metal, connection method: IDC fast connection, cable outlet: straight, color: silver, Ethernet

Commercial data

Item number	1608113
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNOAB
Catalog page	Page 286 (PC-2011)
GTIN	4046356159951
Weight per piece (including packing)	70 g
Weight per piece (excluding packing)	68.5 g
Customs tariff number	85366990
Country of origin	DE

VS-PPC-C1-RJ45-MNNA-PG9-8I6 - RJ45 connector



1608113

<https://www.phoenixcontact.com/pc/products/1608113>

Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
Sensor type	Ethernet
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

Data management status

Article revision	13
------------------	----

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1 A
Nominal voltage U_N	48 V
Nominal current I_N	1 A
Transmission medium	Copper
Transmission characteristics (category)	CAT6
Transmission speed	1 Gbps

Connection data

Connection technology

Connection method	IDC fast connection
Connection cross section AWG	24 (solid)
	26 ... 25 (flexible)
Conductor cross section	0.2 mm ² (solid)
	0.14 mm ² ... 0.18 mm ² (flexible)

Dimensions

Width	22 mm
Height	30 mm
Length	57.7 mm

Material specifications

Color	silver
-------	--------

VS-PPC-C1-RJ45-MNNA-PG9-8I6 - RJ45 connector



1608113

<https://www.phoenixcontact.com/pc/products/1608113>

Material	Metal
Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	nickel-plated
Cable seal material	TPE
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PC
O-ring material	NBR

Cable/line

External cable diameter	5 mm ... 8 mm
Cable cross section	0.14 mm ²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 200
-----------------------------	-------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C

Standards and regulations

Standards/specifications	IEC PAS 61076-3-117
--------------------------	---------------------

VS-PPC-C1-RJ45-MNNA-PG9-8I6 - RJ45 connector



1608113

<https://www.phoenixcontact.com/pc/products/1608113>

Classifications

ECLASS

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

ETIM

ETIM 9.0	EC002635
----------	----------

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	f2894bc8-f16f-46ba-b1ed-5bbd879c03df