

VS-PPC-C1-MNNA-8Q5-EMC - RJ45 connector



1403367

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: IDC fast connection, cable outlet: straight, color: silver, Ethernet

Commercial data

Item number	1403367
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAA
GTIN	4046356708326
Weight per piece (including packing)	81.5 g
Weight per piece (excluding packing)	79.7 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General	This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 3.01, Order No. 2252
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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
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	1.75 A
Nominal voltage U_N	48 V
Nominal current I_N	1.75 A
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5
Transmission speed	1 Gbps

Connection data

Connection technology

Connection method	IDC fast connection
Connection cross section AWG	solid
	flexible

Dimensions

Width	22 mm
Height	30 mm
Length	57.7 mm

Material specifications

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

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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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
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Classifications

ECLASS

ECLASS-13.0	27440290
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ETIM

ETIM 9.0	EC002943
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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
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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) 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)(CAS: 3147-75-9)
SCIP	43de9ffb-08f9-4599-9e95-1c912a0b3141