

1657834

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RJ45 connector, degree of protection: IP65/IP67, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Plastic, connection method: IDC fast connection, connection cross section: AWG 26- 22, cable outlet: straight, color: black, Ethernet

Commercial data

Item number	1657834
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAA
Catalog page	Page 358 (C-2-2019)
GTIN	4046356131902
Weight per piece (including packing)	32.1 g
Weight per piece (excluding packing)	29 g
Customs tariff number	85366990
Country of origin	DE

VS-PPC-C1-RJ45-POBK-PG9-8Q5 - RJ45 connector



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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

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1.75 A
Nominal voltage U_N	48 V
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Transmission medium	Copper
Transmission characteristics (category)	CAT5
Transmission speed	1 Gbps

Connection data

Connection technology

Connection method	IDC fast connection
Connection cross section AWG	26 ... 22 (solid)
	26 ... 22 (flexible)
Conductor cross section	0.13 mm ² ... 0.32 mm ² (solid)
	0.14 mm ² ... 0.36 mm ² (flexible)

Dimensions

Width	22 mm
Height	30 mm
Length	70 mm

Material specifications

Color	black
Material	Plastic
Flammability rating according to UL 94	V0

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Seal material, O-ring	NBR
Seal material cable seal	TPE
Seal material	NBR
Seal material, pin connector pattern	NBR
Housing material	Plastic
Cable seal material	TPE
Contact material	CuSn
Contact surface material	Au/Ni
Contact carrier material	PC
O-ring material	NBR
Material for screw connection	PA

Cable/line

External cable diameter	5 mm ... 8 mm
Cable cross section	0.14 mm²

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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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1657834>

 cUL Recognized Approval ID: E118976				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	50 V	1.75 A	- 22	-

 UL Recognized Approval ID: E118976				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	50 V	1.75 A	- 22	-

cULus Recognized				
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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)
	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)(CAS: 3147-75-9)
SCIP	1baed9af-d769-4942-8510-17e3e55eae92

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