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

1657834

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IDC



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

Commercial data

Item number	1657834
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNOAA
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

Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
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
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5

Connection data

Connection technology

Connection method	IDC fast connection
Connection cross section AWG	26 ... 22 (solid)
	26 ... 22 (flexible)
Conductor cross-section	0.13 mm² ... 0.32 mm² (solid)
	0.14 mm² ... 0.36 mm² (flexible)

Interfaces

Signal type/category	Ethernet CAT5 (IEC 11801:2002), 1 Gbps

Dimensions

Width	22 mm
Height	30 mm
Length	70 mm

Material specifications

Material	Plastic
Flammability rating according to UL 94	V0

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

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

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
keine				
	50 V	1.75 A	- 22	-

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Classifications

ECLASS

ECLASS-15.0	27440114
ECLASS-13.0	27440290

ETIM

ETIM 10.0	EC002636

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

EF3.1 Climate Change

CO2e kg	1.291 kg CO2e

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