VS-08-RJ45-5-Q/IP67 - RJ45 connector

1656990

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IDC



RJ45 connector, RJ45, Ethernet, CAT5 (1 Gbps), 8-position, connection method: IDC fast connection, material: Plastic, connection cross section: AWG 26- 23, degree of protection: IP67, color: traffic gray A RAL 7042

Your advantages

- Assembly without special tools
- High-quality and inexpensive solution in the IP protection zone
- Simple operation

Commercial data

Item number	1656990
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNNAA
GTIN	4046356081399
Weight per piece (including packing)	32.2 g
Weight per piece (excluding packing)	26.63 g
Customs tariff number	85366990
Country of origin	CH

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
Power transmission	PoE++ in accordance with: IEEE 802.3bt

Connection data

Connection technology

Connection method	IDC fast connection
Connection cross section AWG	26 ... 23 (solid)
	26 ... 23 (flexible)
Conductor cross-section	0.14 mm² ... 0.36 mm² (solid)
	0.14 mm² ... 0.36 mm² (flexible)

Interfaces

Signal type/category	Ethernet CAT5, 1 Gbps

Dimensions

Width	38.4 mm
Height	22.8 mm
Length	80 mm

Material specifications

Color	traffic gray A RAL 7042

Material	Plastic
Flammability rating according to UL 94	V0
Housing material	Plastic
Cable seal material	NBR
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PC
O-ring material	FPM
Material for screw connection	PA 6

Cable/line

External cable diameter	5 mm ... 8.5 mm
Cable cross section	0.14 mm²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 1000

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-5 °C ... 55 °C

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1656990

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-13.0	27440390
ECLASS-15.0	27440114

ETIM

ETIM 10.0	EC001121

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.)	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)(CAS: 3147-75-9)
SCIP	11038baa-ea8c-4ed6-904d-060ee2d117d9

EF3.1 Climate Change

CO2e kg	0.643 kg CO2e

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