

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



1656990

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RJ45 connector, design: RJ45, degree of protection: IP67, number of positions: 8, 1 Gbps, CAT5, material: Plastic, connection method: IDC fast connection, connection cross section: AWG 26- 23, cable outlet: straight, color: traffic grey A RAL 7042, Ethernet

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

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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
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
Transmission speed	1 Gbps
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 mm ² ... 0.36 mm ² (solid)
	0.14 mm ² ... 0.36 mm ² (flexible)

Dimensions

Width	38.4 mm
Height	22.8 mm
Length	80 mm

Material specifications

Color	traffic grey A RAL 7042
Material	Plastic

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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 mm ²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 1000
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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

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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	27440390

ETIM

ETIM 9.0	EC004746
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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	11038baa-ea8c-4ed6-904d-060ee2d117d9

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