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

1658493

https://www.phoenixcontact.com/us/products/1658493

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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: jet black RAL 9005, Ethernet

Your advantages

- Assembly without special tools
- IP65/67
- High-quality and inexpensive solution in the IP protection zone
- Simple operation

Commercial data

Item number	1658493
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNNAA
Catalog page	Page 350 (C-2-2019)
GTIN	4046356163163
Weight per piece (including packing)	32.1 g
Weight per piece (excluding packing)	30.94 g
Customs tariff number	85366990
Country of origin	DE

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

1658493

https://www.phoenixcontact.com/us/products/1658493

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
Power transmission	PoE++

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)

Dimensions

Width	38.4 mm
Height	22.4 mm
Length	80 mm

Material specifications

Color	jet black RAL 9005
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

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