

RJ45 connector - VS-08-RJ45-5-Q/IP67-BK - 1658493

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The figure shows the gray product version

Why buy this product

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



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356163163

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 1000
Connection method	IDC fast connection
Conductor cross section	0.14 mm ² ... 0.36 mm ² (solid)
	0.14 mm ² ... 0.36 mm ² (flexible)
Connection cross section AWG	26 ... 23 (solid)
	26 ... 23 (flexible)
External cable diameter	5 mm ... 8.5 mm

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Technical data

Mechanical characteristics

Cable outlet	straight
Color	jet black RAL 9005
Degree of protection	IP67
Type	RJ45, IP67, version 6
No. of cable outlets	1

Ambient conditions

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

Material data

Flammability rating according to UL 94	V0
Housing material	PA
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
O-ring material	FPM
Cable seal material	NBR
Material housing intermediate seal	NBR
Height	22.8 mm

Electrical characteristics

Number of positions	8
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002)
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

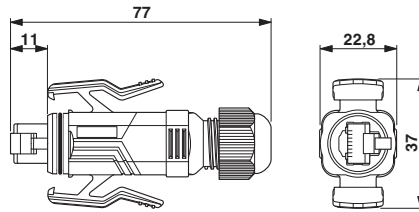
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

RJ45 connector - VS-08-RJ45-5-Q/IP67-BK - 1658493

Dimensional drawing



RJ45 connectors, IP67, QUICKON fast connection technology

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm ² /AWG/kcmil		22	
Nominal current I _N		1.75 A	
Nominal voltage U _N		50 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm ² /AWG/kcmil		22	
Nominal current I _N		1.75 A	
Nominal voltage U _N		50 V	

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Approvals

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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