

RJ45 connector - VS-08-RJ45-5-Q/IP20 BK - 1658008

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RJ45 connector, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA, connection method: IDC fast connection, connection cross section: AWG 26- 23, cable outlet: straight, color: black


Your advantages

- assembly without special tools
- UL
- Solid and stranded wires (1- and 7-wire)



Ethernet Ethernet

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 138536
GTIN	4046356138536

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 1000
Connection method	IDC fast connection
Conductor cross section	0.13 mm ² ... 0.25 mm ² (solid)
	0.14 mm ² ... 0.25 mm ² (flexible)
Connection cross section AWG	26 ... 23 (solid)
	26 ... 23 (flexible)
Max. cable diameter	4.5 mm ... 8 mm
External cable diameter	4.5 mm ... 8 mm
Cable outlet	straight
Color	black
Degree of protection	IP20

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Technical data

Mechanical characteristics

Type	RJ45, IP20
No. of cable outlets	1

Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Degree of protection	IP20

Material data

Flammability rating according to UL 94	V0
Housing material	PA
Contact material	CuSn
Contact surface material	Au/Ni
Material	Plastic
Height	14.6 mm

Electrical characteristics

Number of positions	8
Nominal voltage U_N	50 V
Nominal current I_N	1.75 A
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps
Frequency range	100 MHz
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	1
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

Standards and Regulations

Flammability rating according to UL 94	V0
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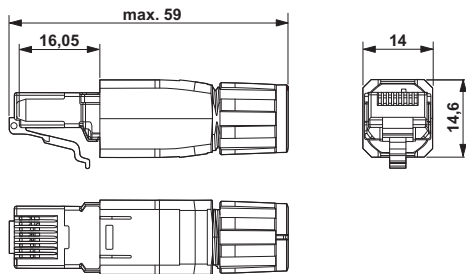
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

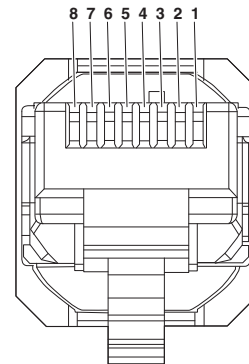
Drawings

RJ45 connector - VS-08-RJ45-5-Q/IP20 BK - 1658008

Dimensional drawing



Schematic diagram



RJ45 connector, IP20

Approvals

Approvals

Approvals

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024
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EAC			B.01742
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cULus Listed			
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