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RJ45 connector - VS-08-RJ45-10G/Q - 1419001

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RJ45 connector, IP20, CAT6_A, 8-pos., with QUICKON fast connection technology, for 26 ... 24 AWG 1-wire and 7-wire conductors, color: black

Why buy this product

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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 521567
GTIN	4046356521567
Custom tariff number	8536909000
Sales Key	ABNAAA

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 750
Connection method	IDC fast connection
Conductor cross section	0.13 mm ² ... 0.21 mm ² (solid)
	0.14 mm ² ... 0.23 mm ² (7-wire)
Connection cross section AWG	26 ... 24 (solid)
	26 ... 24 (7-wire)
Max. cable diameter	4.5 mm ... 8 mm

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Technical data

Mechanical characteristics

External cable diameter	4.5 mm ... 8 mm
Cable exit	straight
Color	yellow
Degree of protection	IP20
Design	RJ45, IP20
No. of cable outlets	1

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
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Material data

Flammability rating according to UL 94	V2
Housing material	PA 6.6
Contact carrier material	PC
Contact material	CuSn
Contact surface material	Gold over nickel

Electrical characteristics

Number of positions	8
Nominal voltage U_N	50 V
Nominal current I_N	1.75 A
Transmission speed	10 Gbps
Transmission characteristics (category)	CAT6 _A (IEC 60512-27-100:2008, TIA-568-C.2:2009)
GRP transmission properties	CAT6 _A (IEC 60512-27-100:2008, TIA-568-C.2:2009)
Frequency range	to 500 MHz
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2

Standards and Regulations

Flammability rating according to UL 94	V2
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Environmental Product Compliance

REACH SVHC	DOTE 15571-58-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

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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 E335024-20150529
Nominal current IN		1.75 A
Nominal voltage UN		57 V

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335024-20150529
Nominal current IN		1.75 A
Nominal voltage UN		57 V

EAC		B.01742
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cULus Listed		
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