VS-08-RJ45-5-Q/IP67 TIA568A - RJ45 connector

1417294

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IDC



RJ45 connector, RJ45, Ethernet, CAT5 (IEC 11801:2002) (1 Gbps), 8-position, connection method: IDC fast connection, material: Plastic, connection cross section: AWG 26- 23, degree of protection: IP67, color: traffic gray A RAL 7042

Your advantages

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

Commercial data

Item number	1417294
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNNAA
GTIN	4046356516709
Weight per piece (including packing)	31.8 g
Weight per piece (excluding packing)	29.156 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Data connector (cable side)
Type	RJ45
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
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
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5
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 mm² ... 0.36 mm² (solid)
	0.14 mm² ... 0.36 mm² (flexible)

Interfaces

Signal type/category	Ethernet CAT5 (IEC 11801:2002), 1 Gbps

Dimensions

Width	38.4 mm
Height	22.4 mm
Length	80 mm

Material specifications

Color	traffic gray A RAL 7042
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

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

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440114

ETIM

ETIM 10.0	EC004746

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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	9a9598b7-d250-43dd-973c-64a346207dd9

EF3.1 Climate Change

CO2e kg	2.456 kg CO2e

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