

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



1417294

<https://www.phoenixcontact.com/us/products/1417294>

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

## 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

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## 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
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 $\Omega$ (Wire – IDC) 0.005 $\Omega$ (Litz wires – IDC)
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5
Transmission speed	1 Gbps
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 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (flexible)

### 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

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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 mm <sup>2</sup>

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## Classifications

### ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440114

### ETIM

ETIM 10.0	EC004746
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)