

## RJ45 socket insert - VS-08-BU-RJ45-5-F/PK - 1652936


Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



RJ45 socket insert, degree of protection: IP20, number of positions: 8, CAT5 (IEC 11801:2002), material: Copper alloy, connection method: IDC, connection cross section: AWG 24- 22



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 969929
GTIN	4017918969929
Weight per Piece (excluding packing)	20.660 g
Custom tariff number	85366990
Country of origin	Switzerland

### Technical data

#### Mechanical characteristics

Connection method	IDC
Number of slots	1
Overvoltage category	I
AWG solid min.	24
AWG solid max.	22
AWG multi-stranded min.	26
AWG multi-stranded max.	22
Degree of pollution	1
Conductor cross section	0.2 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.35 mm <sup>2</sup> (flexible)
Weight	21.7 g

# RJ45 socket insert - VS-08-BU-RJ45-5-F/PK - 1652936

## Technical data

### Mechanical characteristics

Flammability rating according to UL 94	V0
--	----

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

### Material data

Contact surface material	Gold over nickel
Contact material	Copper alloy
Contact carrier material	PC
Housing material	Copper alloy
Width	22.8 mm
Height	16.8 mm
Length	41.6 mm

### Electrical characteristics

Number of positions	8
Nominal voltage $U_N$	48 V
Nominal current $I_N$	1 A
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Rated current	1 A
Overvoltage category	I
Degree of pollution	1
Rated voltage (III/3)	72 V (DC)
Insulation resistance	$\geq 500 \text{ M}\Omega$

### Standards and Regulations

Flammability rating according to UL 94	V0
--	----

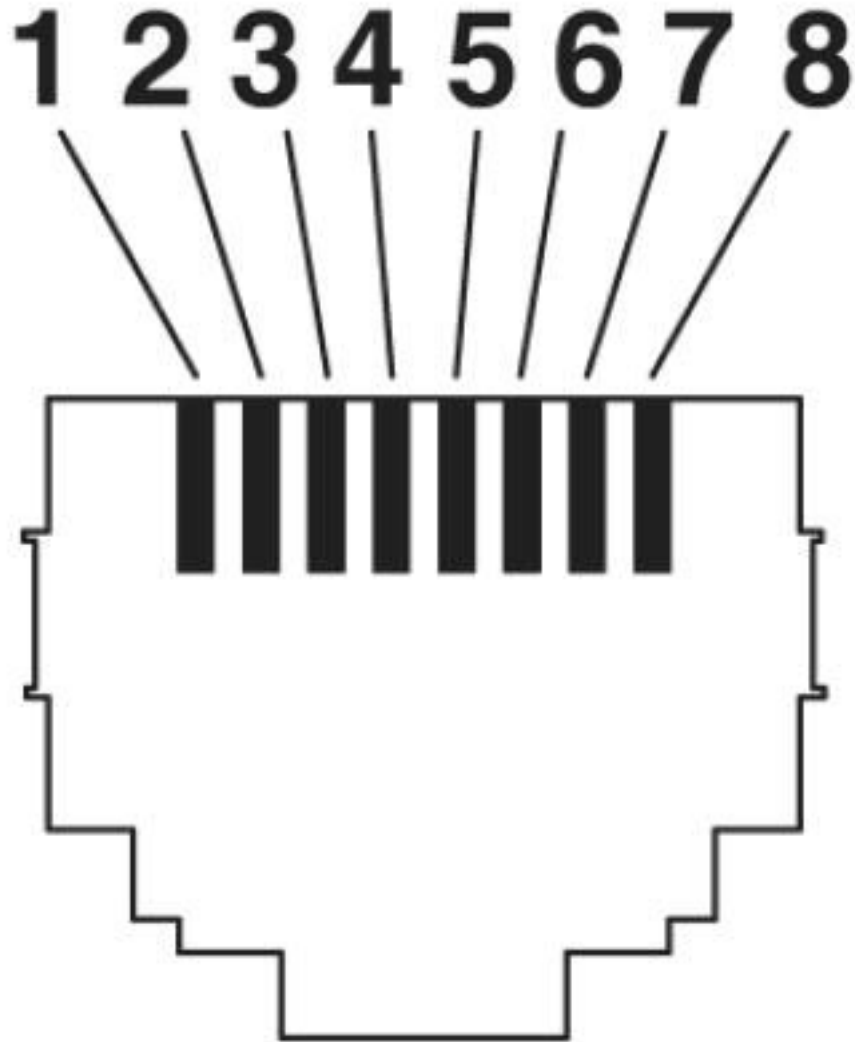
### Environmental Product Compliance

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

## Drawings

# RJ45 socket insert - VS-08-BU-RJ45-5-F/PK - 1652936

Schematic diagram



## Classifications

eCl@ss

eCl@ss 10.0.1	27440205
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440205

# RJ45 socket insert - VS-08-BU-RJ45-5-F/PK - 1652936

## Classifications

### eCl@ss

eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

### ETIM

ETIM 2.0	EC000438
ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438
ETIM 6.0	EC000438
ETIM 7.0	EC000438

### UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

## Approvals

### Approvals

---

Approvals

DNV GL / UL Listed / cUL Listed / EAC / cULus Listed

---

Ex Approvals

---

### Approval details

DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAE000020G
--------	--	---	------------

## RJ45 socket insert - VS-08-BU-RJ45-5-F/PK - 1652936

### Approvals

UL Listed		<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
-----------	--	---	---------------

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYVV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
------------	--	---	---------------

EAC			B.01687
-----	--	--	---------

cULus Listed			
--------------	--	--	--

### Accessories

#### Accessories

#### Panel mounting frame

##### Panel mounting frames - VS-A-F-IP67 - 1653744



Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: gray

##### Panel mounting frames - VS-A-F-IP67-BK - 1658668



Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: black

## RJ45 socket insert - VS-08-BU-RJ45-5-F/PK - 1652936

### Accessories

Panel mounting frames - VS-PPC-F1-RJ45-MNNA-1R-F - 1405358



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, with the Freenet system, for square panel cutout, with grommet, without mounting screws

---

Panel mounting frames - VS-PPC-F1-RJ45-MNNA-1C-F - 1405222



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, with Freenet system, for round mounting cutout, with seal

---

Panel mounting frames - VS-PPC-F1-RJ45-POBK-1R-F - 1608197



RJ45 panel mounting frame, IP67, for push-pull interlocking, plastic, with the Freenet system, for square panel cutout, with grommet, without mounting screws

---