

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

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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	
GTIN	4017918969929

## 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
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

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## Technical data

### 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
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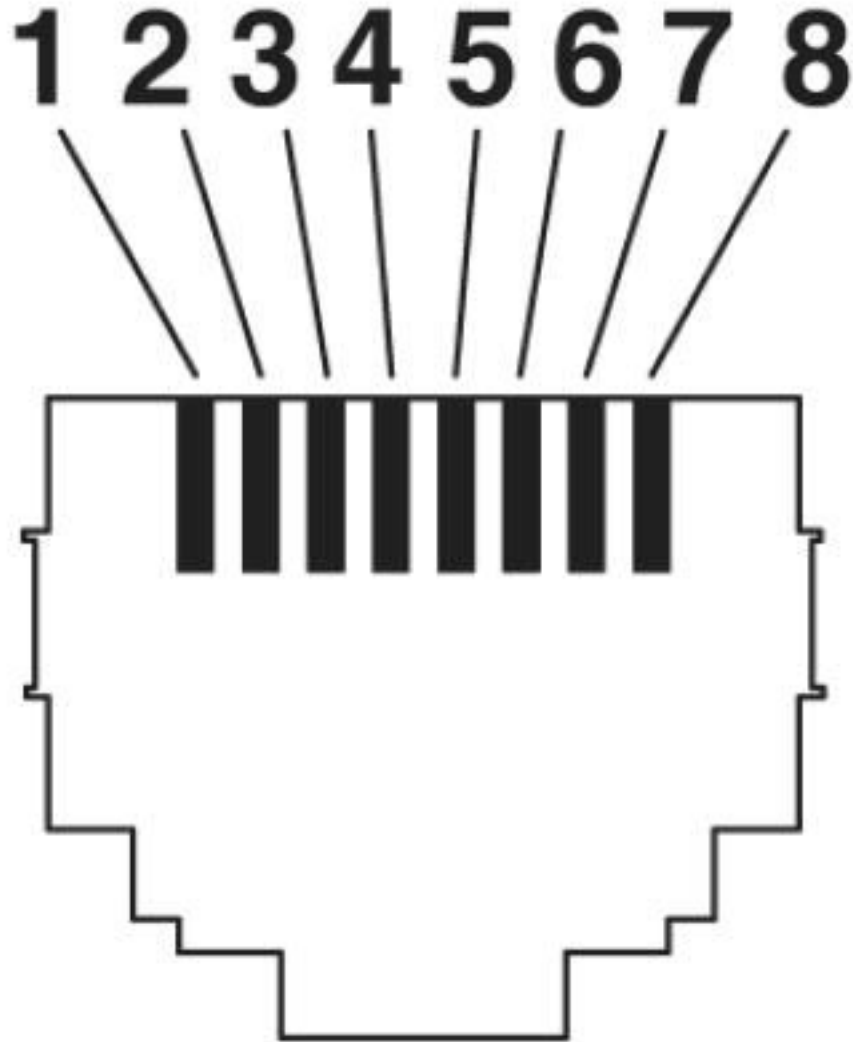
### Environmental Product Compliance

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
eCl@ss 8.0	27440205
eCl@ss 9.0	27440205

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## Classifications

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

EAC		B.01687
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cULus Listed	
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## 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

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

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### Accessories

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

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