

# VS-08-BU-RJ45-5-F/PK - RJ45 jack insert



1652936

<https://www.phoenixcontact.com/us/products/1652936>

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RJ45 jack insert, design: RJ45, degree of protection: IP20, number of positions: 8, CAT5, material: Metal, connection method: IDC connection, connection cross section: AWG 24- 22, Ethernet

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1652936       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB10          |
| Product key                          | ABNACA        |
| GTIN                                 | 4017918969929 |
| Weight per piece (including packing) | 21.7 g        |
| Weight per piece (excluding packing) | 14.113 g      |
| Customs tariff number                | 85366990      |
| Country of origin                    | CH            |

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## Technical data

### Product properties

|                     |               |
|---------------------|---------------|
| Product type        | Female insert |
| Type                | RJ45          |
| Sensor type         | Ethernet      |
| Number of positions | 8             |
| Connection profile  | RJ45          |
| Number of slots     | 1             |
| Shielded            | yes           |

### Insulation characteristics

|                      |   |
|----------------------|---|
| Overvoltage category | I |
| Degree of pollution  | 1 |

### Electrical properties

|                                         |                       |
|-----------------------------------------|-----------------------|
| Rated voltage (III/3)                   | 72 V (DC)             |
| Rated surge voltage                     | $\geq 1$ kV           |
| Rated current                           | 1 A                   |
| Insulation resistance                   | $\geq 500$ M $\Omega$ |
| Nominal voltage $U_N$                   | 48 V                  |
| Nominal current $I_N$                   | 1 A                   |
| Transmission medium                     | Copper                |
| Transmission characteristics (category) | CAT5                  |

### Connection data

#### Connection technology

|                   |                |
|-------------------|----------------|
| Connection method | IDC connection |
|-------------------|----------------|

### Dimensions

|        |         |
|--------|---------|
| Width  | 22.8 mm |
| Height | 16.8 mm |
| Length | 41.6 mm |

### Material specifications

|                                        |              |
|----------------------------------------|--------------|
| Flammability rating according to UL 94 | V0           |
| Housing material                       | Metal        |
| Housing surface material               | metal-plated |
| Contact material                       | Copper alloy |
| Contact surface material               | Gold         |
| Contact carrier material               | PC           |

### Mechanical properties

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## Mechanical data

|                             |       |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 750 |
|-----------------------------|-------|

## Environmental and real-life conditions

### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Degree of protection                    | IP20             |
| Ambient temperature (operation)         | -20 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Ambient temperature (assembly)          | 0 °C ... 60 °C   |

## Mounting

|               |         |
|---------------|---------|
| Mounting type | Snap in |
|---------------|---------|

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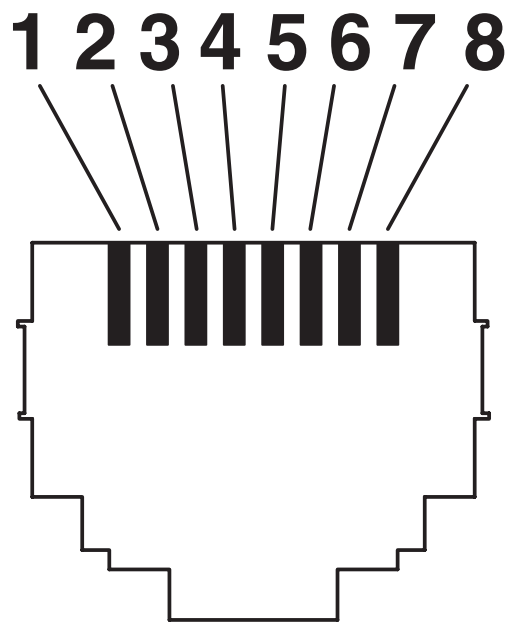
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## Drawings

### Schematic diagram



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## Approvals

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**UL Listed**

Approval ID: FILE E 335024



**cUL Listed**

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440390 |
| ECLASS-15.0 | 27440390 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC004746 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
|-------------|----------|

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## 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.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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