# VS-PPC-F1-RJ45-P0BK-1R-PHA - Panel mounting frames

1657847

https://www.phoenixcontact.com/us/products/1657847

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RJ45 panel mounting frame, IP67, for push-pull interlocking, plastic, for PCB connection, for square panel cutout, with grommet, without mounting screws

## Commercial data

| | |
|---|---|
| Item number | 1657847 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | AB17 |
| Product key | ABNODC |
| Catalog page | Page 85 (C-2-2013) |
| GTIN | 4046356131919 |
| Weight per piece (including packing) | 5.6 g |
| Weight per piece (excluding packing) | 5.5 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

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## Technical data

### Notes

| | |
|---|---|
| General | This product corresponds to the PROFINET Cabling and Interconnection Technology Guideline for PROFINET regulations, version 2.00, order no: 2.252, Chapter 8.2 Connectors for Outside Environment (Balanced cabling) and chapter 13 Application specific Cabling and Interconnection Technology (AIDA) |

### Product properties

| | |
|---|---|
| Product type | Panel mounting frame |
| Application | RJ45 PCB connection |
| Type | Version 14 |
| Number of positions | 8 |
| Connection profile | RJ45 |
| Type | RJ45 |

#### Insulation characteristics

| | |
|---|---|
| Degree of pollution | 2 |

### Electrical properties
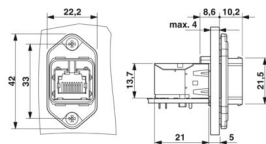
| | |
|---|---|
| Transmission medium | Copper |

### Connection data

#### Connection technology

| | |
|---|---|
| Connection method | Spring-cage connection |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 22.2 mm |
| Height | 42 mm |
| Length | 18.8 mm |

### Material specifications

| | |
|---|---|
| Color | black |
| Material | Plastic |
| Flammability rating according to UL 94 | V0 |
| Seal material | NBR |
| Housing material | Plastic |
| Housing surface material | PA, light gray |

| Contact surface material | Au/Ni |
|---|---|
| Contact carrier material | Polyester GF |

## Mechanical properties

### Mechanical data

| Insertion/withdrawal cycles | ≥ 500 |
|---|---|

## Environmental and real-life conditions

### Ambient conditions

| Degree of protection | IP65/IP67 |
|---|---|
| Ambient temperature (operation) | -40 °C ... 70 °C |

## Mounting

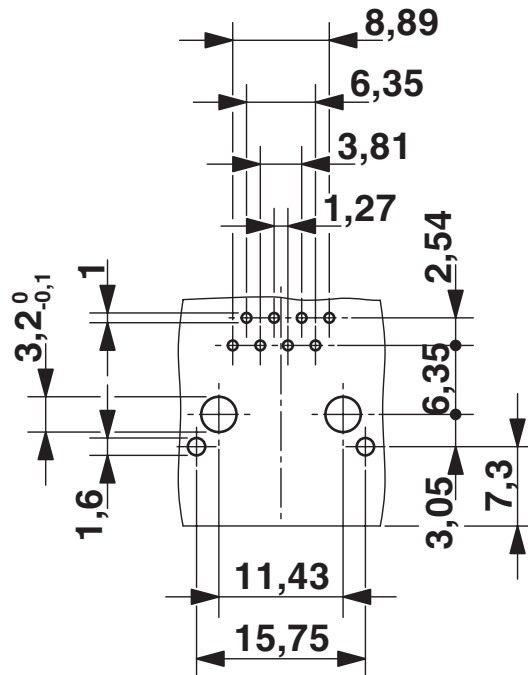| Mounting type | Front mounting |
|---|---|

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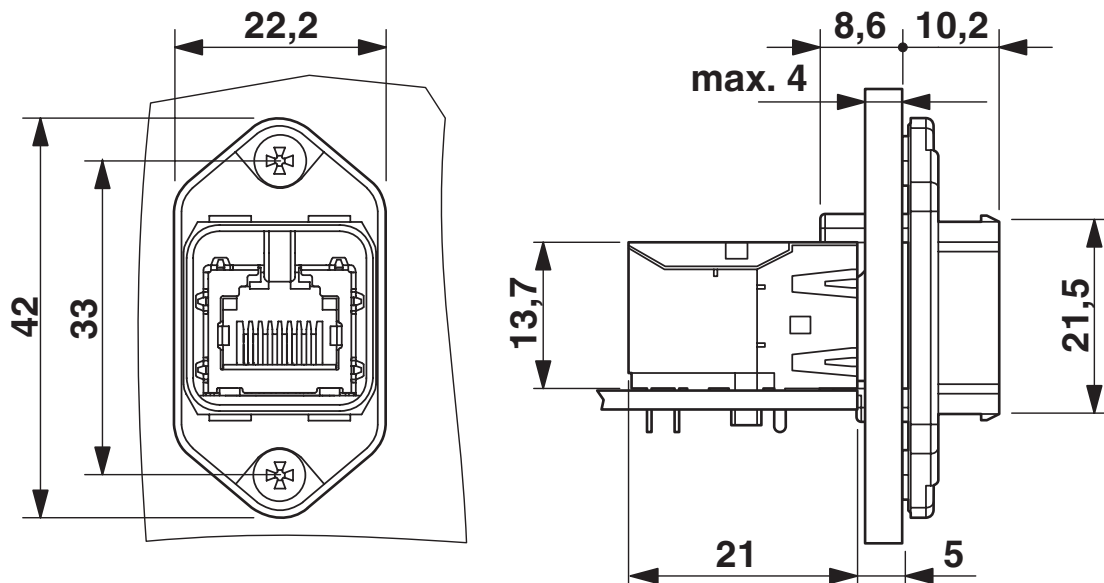https://www.phoenixcontact.com/us/products/1657847

## Drawings

Drilling plan/solder pad geometry



Drilling diagram

Dimensional drawing



Push-Pull panel mounting frame RJ45

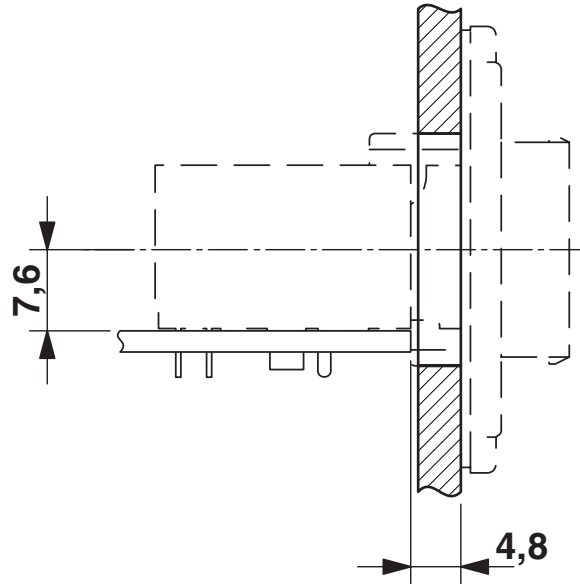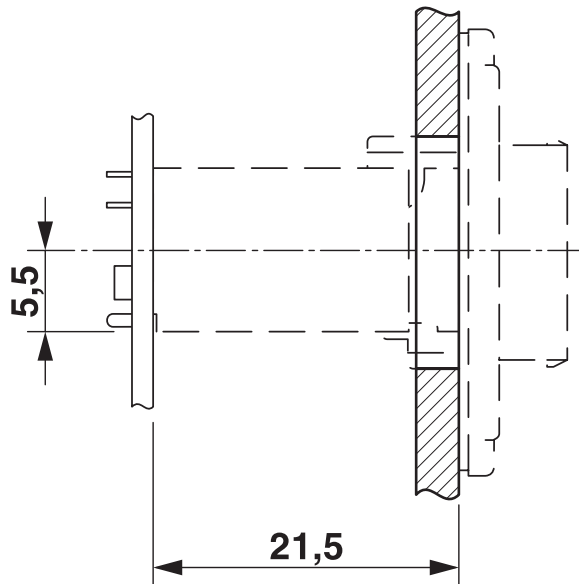# VS-PPC-F1-RJ45-P0BK-1R-PHA - Panel mounting frames

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Dimensional drawing

7,6

4,8

Dimensional drawing

5,5

21,5

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Dimensional drawing

$19,2^{\pm 0,1}$

M 3

$33^{\pm 0,1}$

$22,8^{\pm 0,1}$

R 1,25
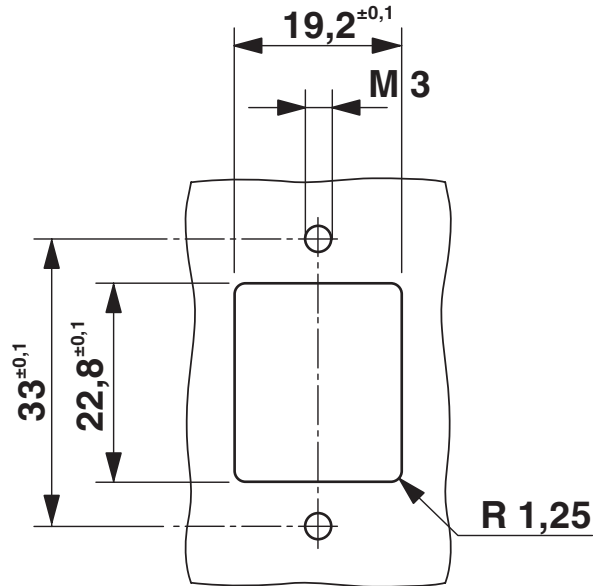
Mounting cutout

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## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-11.0 | 27440210 |
| ECLASS-12.0 | 27440210 |
| ECLASS-13.0 | 27440210 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC002310 |

### 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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## Accessories

### VS-08-BU-RJ45-6/LH-1 - RJ45 PCB connectors

1653087

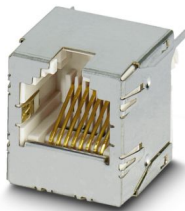https://www.phoenixcontact.com/us/products/1653087

RJ45 PCB connectors, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Metal, connection method: THT wave, cable outlet: straight

### VS-08-BU-RJ45-6/LV-1 - RJ45 PCB connectors

1653090

https://www.phoenixcontact.com/us/products/1653090

RJ45 PCB connectors, design: RJ45, degree of protection: IP20, number of positions: 8, material: Metal, connection method: THT wave, cable outlet: straight