

# VS-PPC-F1-RJ45-P0BK-1R-PHA - Panel-mount frame



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)
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### Product properties

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

### Insulation characteristics

Degree of pollution	2
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### Electrical properties

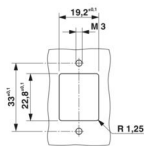
Transmission medium	Copper
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### Connection data

#### Connection technology

Connection method	Spring-cage connection
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### 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

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Contact surface material	Au/Ni
Contact carrier material	Polyester GF

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## 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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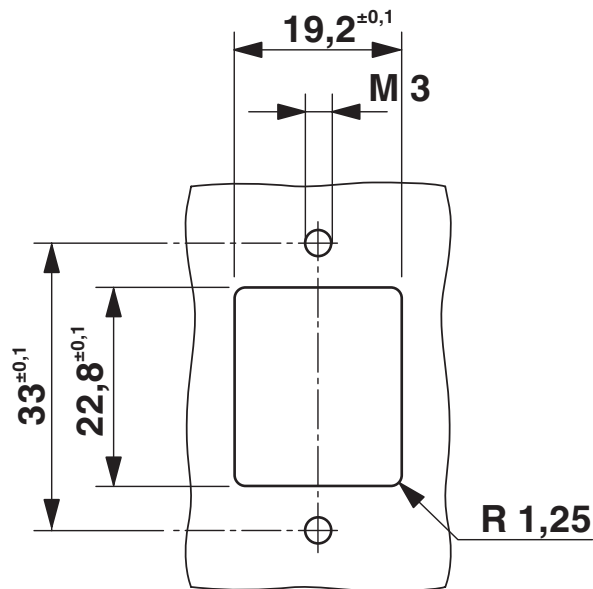


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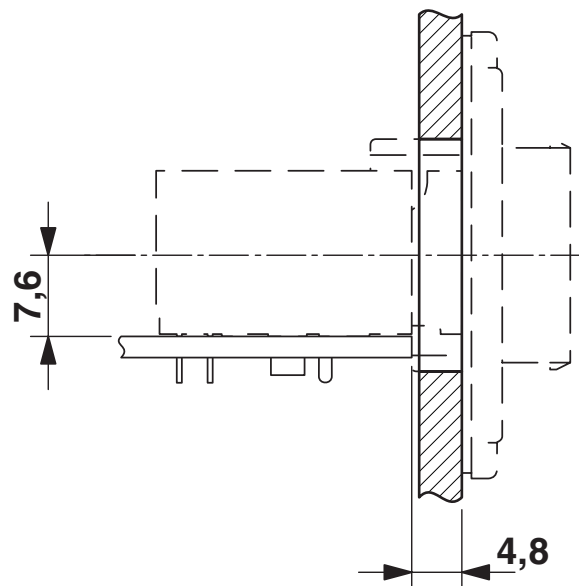
## Drawings

Dimensional drawing



Mounting cutout

Dimensional drawing



Mounting cutout

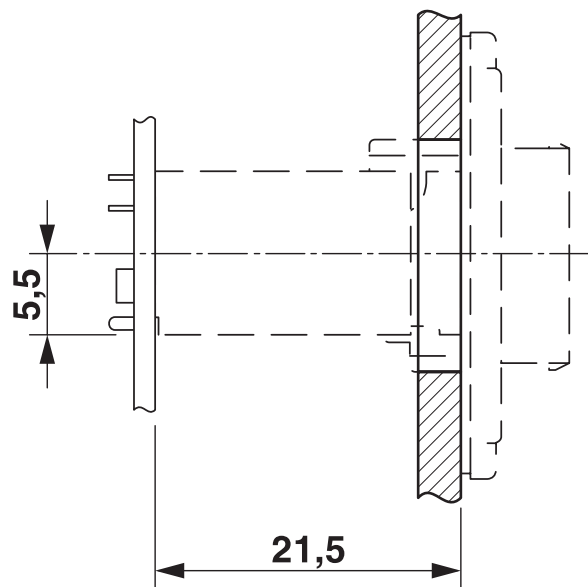
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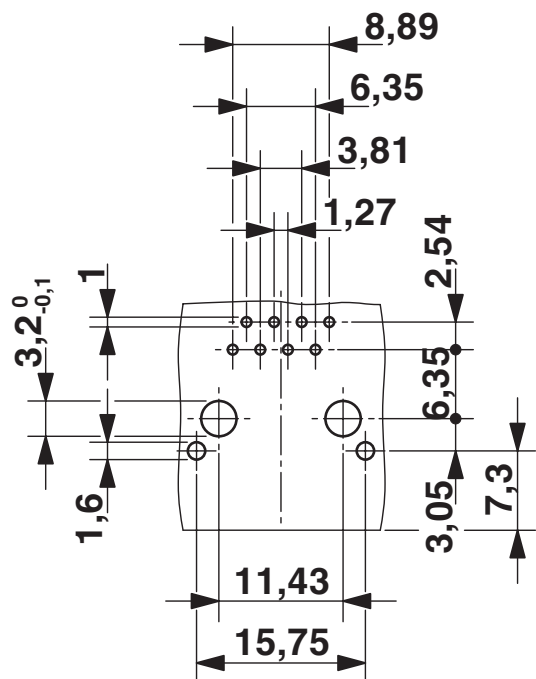
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Dimensional drawing



Mounting cutout

Drilling plan/solder pad geometry



Drilling diagram

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## Classifications

### ECLASS

ECLASS-13.0	27440210
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### ETIM

ETIM 9.0	EC002310
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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.)	No substance above 0.1 wt%
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