

# FOC-V14-F1ZNI-EM/SJB - Panel-mount frame



1413964

<https://www.phoenixcontact.com/us/products/1413964>

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SC-RJ panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. SC-RJ coupling

## Your advantages

- High reliability with comprehensive quality assurance measures
- Intuitive front-panel operation and clear control cabinet layout thanks to uniform design

## Commercial data

Item number	1413964
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNODE
GTIN	4055626082387
Weight per piece (including packing)	34.1 g
Weight per piece (excluding packing)	31.096 g
Customs tariff number	85367000
Country of origin	PL

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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
Type	SC-RJ
Number of positions	2
Connection profile	SC-RJ

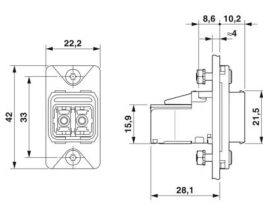
### Insulation characteristics

Degree of pollution	2
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### Electrical properties

Transmission medium	FO
Transmission speed	10 Gbps

### Dimensions

Dimensional drawing	
Width	22.2 mm
Height	42 mm

### Mechanical characteristics

Ferrule diameter	2.50 mm
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### Material specifications

Material	Metal
Flammability rating according to UL 94	V0
Seal material	NBR
Ferrule material	Zirconia ceramics
Housing material	Metal
Housing surface material	nickel-plated
Contact carrier material	PPA

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## Cable/line

External cable diameter	≤ 10.00 mm (of 5 mm)
Resistance to oil	yes
Flame resistance	yes

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 50
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C
Resistance to oil	yes

## Standards and regulations

Flame resistance	yes
Resistance to oil	yes

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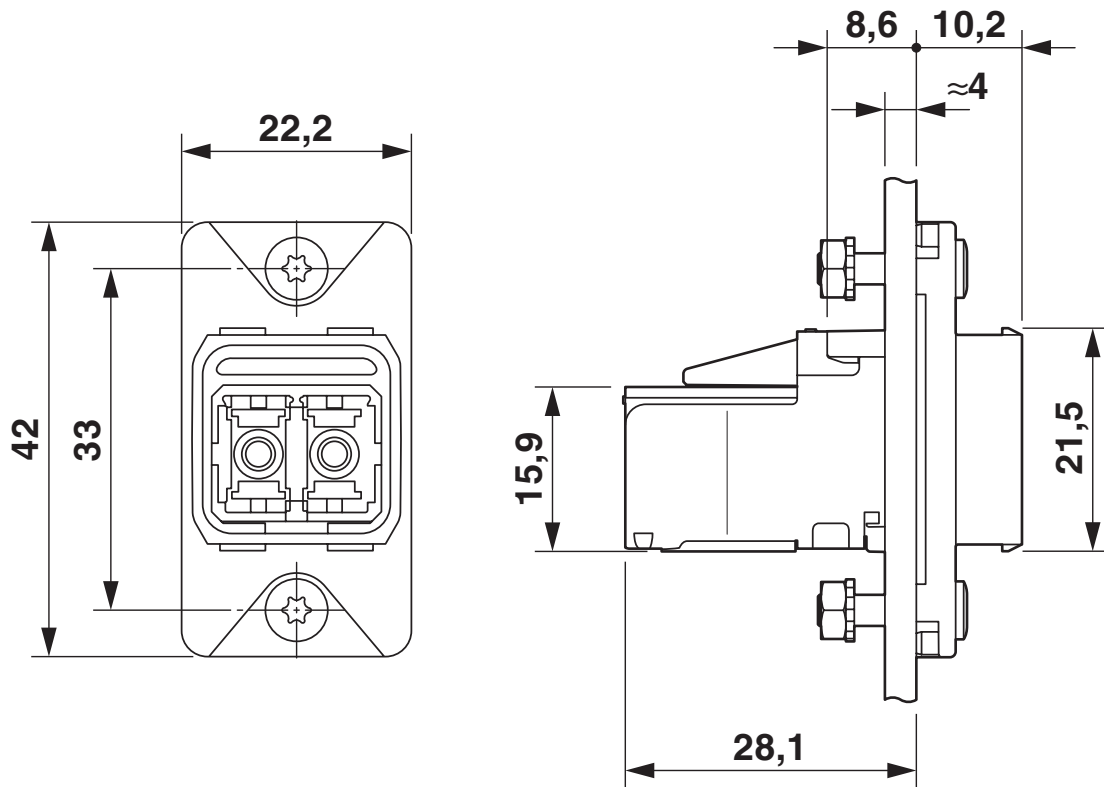


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## Drawings

Dimensional drawing



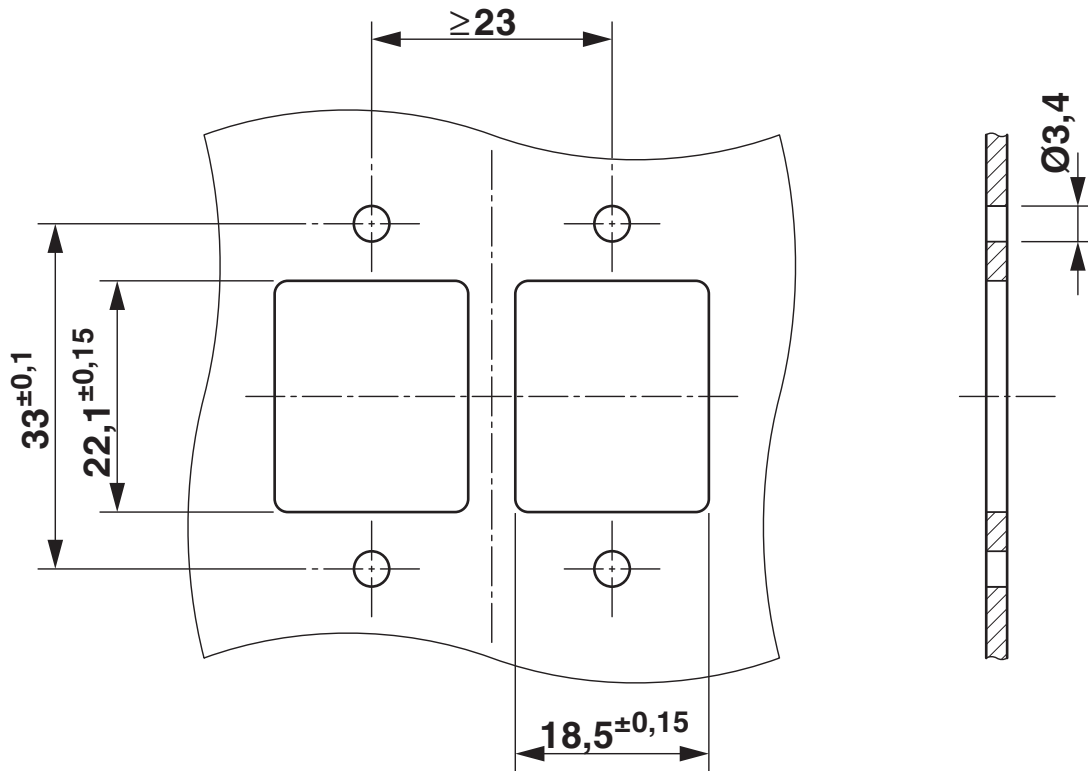
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Drilling plan/solder pad geometry



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1413964>



**UL Listed**

Approval ID: E308814-20180830

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## Classifications

### ECLASS

ECLASS-13.0	27440210
ECLASS-15.0	27440210

### ETIM

ETIM 10.0	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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