

# FOC-V14-F1ZNI-EM/SJB - Panel mounting frames



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
Catalog page	Page 369 (C-2-2019)
GTIN	4055626082387
Weight per piece (including packing)	34.1 g
Weight per piece (excluding packing)	31.6 g
Customs tariff number	85367000
Country of origin	BG

## 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

Type	SC-RJ
Product type	Panel mounting frame
Number of positions	2
Connection profile	SC-RJ

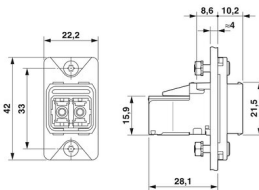
### Insulation characteristics

Degree of pollution	2
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### Electrical properties

Transmission medium	FO
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### 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 surface material	nickel-plated
Contact carrier material	PPA
Housing material	Metal

### Cable/line

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External cable diameter	≤ 10 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

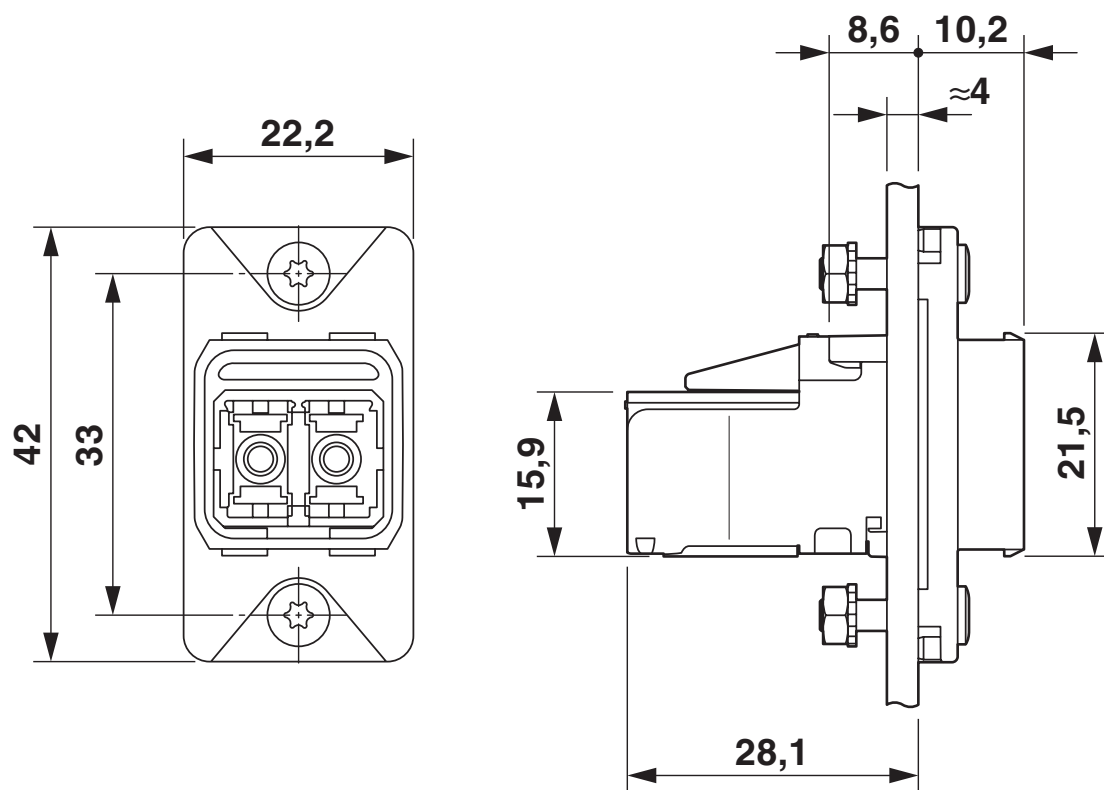
Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 40 °C
Resistance to oil	yes

## Standards and regulations

Flame resistance	yes
Resistance to oil	yes

## Drawings

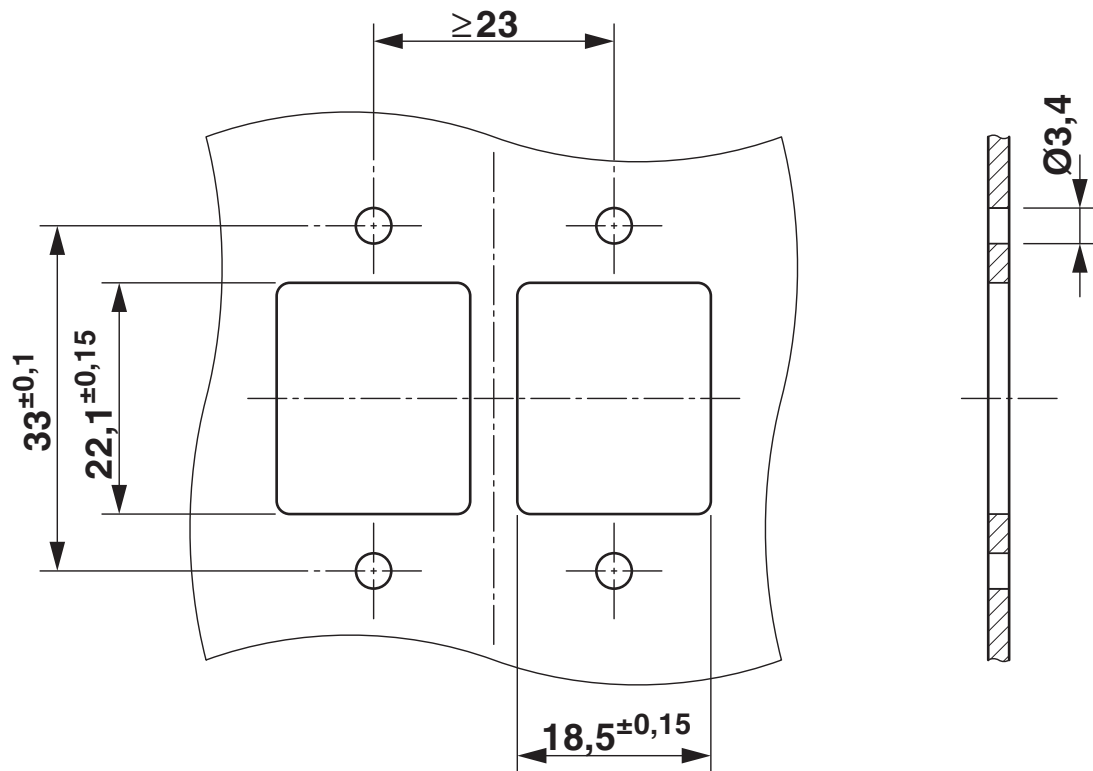
Dimensional drawing



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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>



**EAC**

Approval ID: B.01687



**UL Listed**

Approval ID: E308814-20180830

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## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC002310
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### UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values



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## Accessories

### CUC-V14-A-SCREW-M3:20 - Panel mounting frames

1413987

<https://www.phoenixcontact.com/us/products/1413987>

Screw set, M3 for panel mounting frames



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### FOC-V14-C1ZNI-S/SJFP - FO connectors

1407896

<https://www.phoenixcontact.com/us/products/1407896>

FO connectors, degree of protection: IP65/IP67, number of positions: 2, MM, material: Metal, cable outlet: straight



## FOC-V14-F1ZNI-EM/SJB - Panel mounting frames

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## CUC-V14-A1PBK-PC - Panel mounting frames

1413970

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Panel mounting frames, degree of protection: IP65/IP67



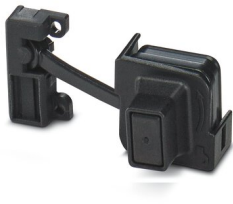
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## CUC-V14-A1RBK-PC - Panel mounting frames

1413985

<https://www.phoenixcontact.com/us/products/1413985>

Panel mounting frames, degree of protection: IP65



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## CUC-V14-A1ZNI-R45 - Panel mounting frames

1413988

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45° adapter for panel mounting frames



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## CUC-V14-A1ZNI-S180 - Panel mounting frames

1413989

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Spacer for panel mounting frames



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## CUC-V14-A3ST-SR - Panel mounting frames

1413990

<https://www.phoenixcontact.com/us/products/1413990>

Panel mounting frames, degree of protection: IP65/IP67, material: Stainless steel



## CUC-V14-A1PBK-BA:50 - Panel mounting frames

1413979

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Holder for marking element



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