

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) |
|---------|--|

Product properties

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

Insulation characteristics

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

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 |
|------------------|---------|

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 |
|-----------------------------|------|

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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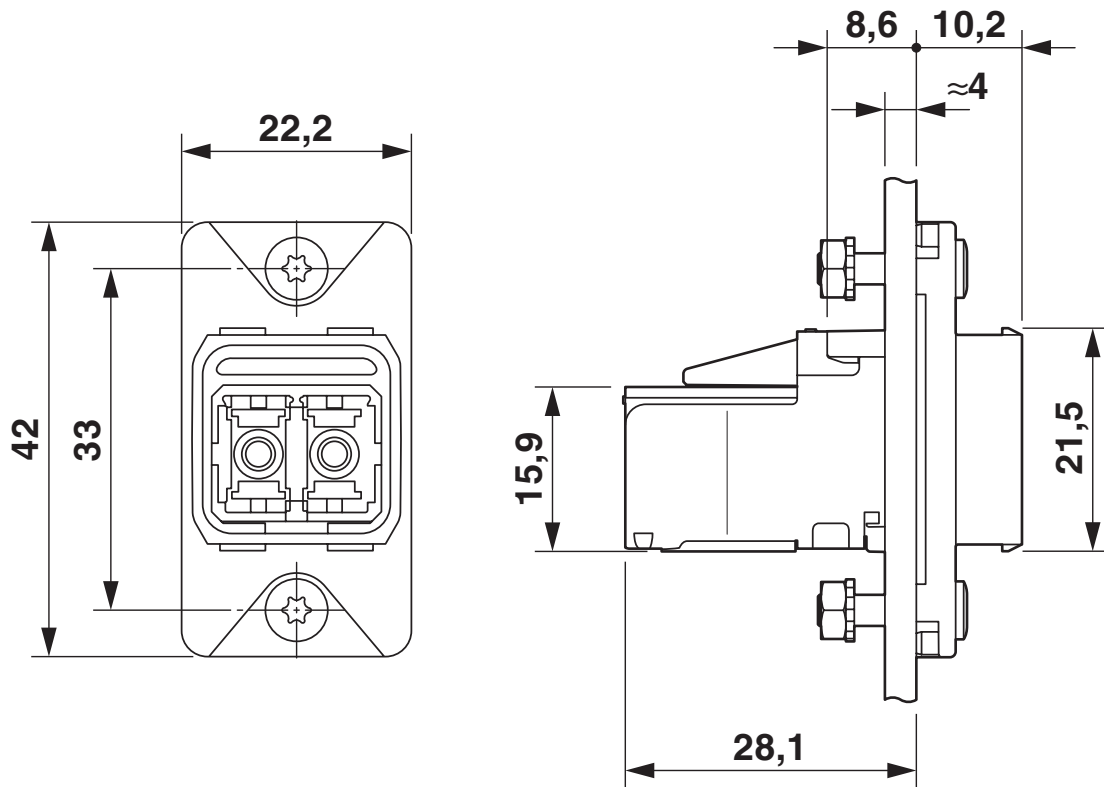


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Drawings

Dimensional drawing



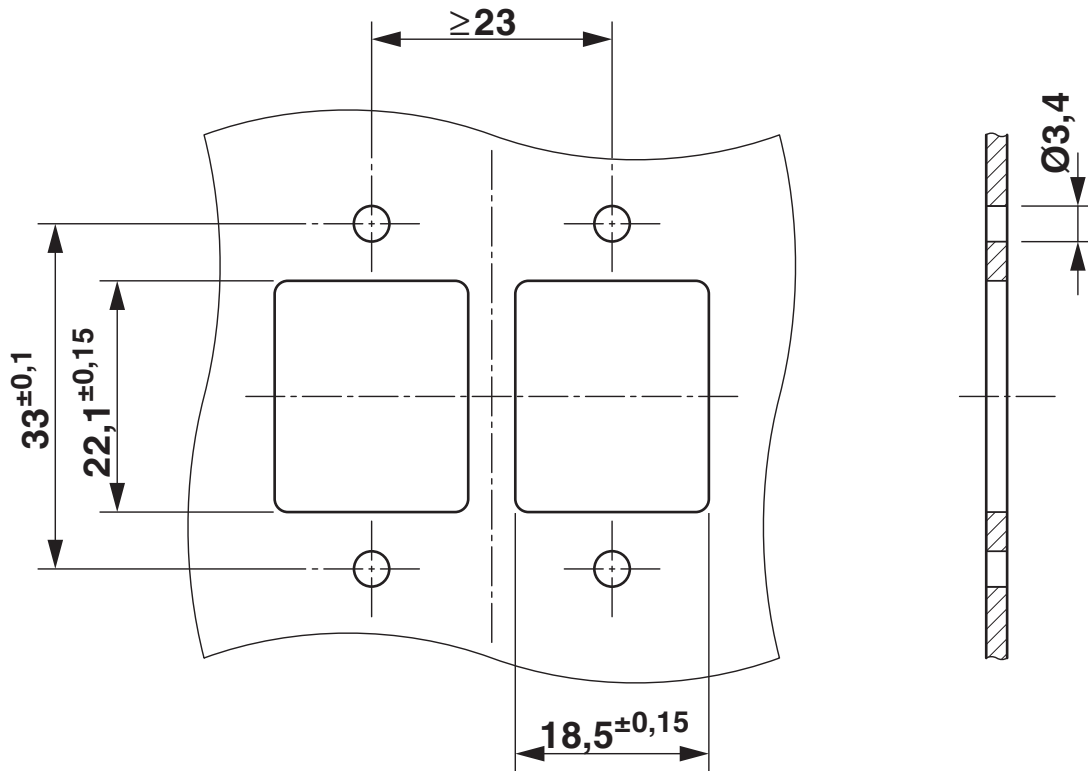
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Drilling plan/solder pad geometry



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Approvals

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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 |
|-----------|----------|

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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com