

1413966
<https://www.phoenixcontact.com/us/products/1413966>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 coupling module

Commercial data

Item number	1413966
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNODB
GTIN	4055626082165
Weight per piece (including packing)	45.3 g
Weight per piece (excluding packing)	40.249 g
Country of origin	PL

CUC-V14-F1S-EM/R4B8 - Panel-mount frame



1413966

<https://www.phoenixcontact.com/us/products/1413966>

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	RJ45
Number of positions	8
Connection profile	RJ45
Number of slots	2

Insulation characteristics

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

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated surge voltage	1 kV
Operating voltage	72 V (DC)
Frequency range	250 MHz
Insulation resistance	> 500 MΩ
Transmission medium	Copper
Transmission speed	1 Gbps

Dimensions

Dimensional drawing	
Width	22.2 mm
Height	42 mm
Length	46.2 mm

Material specifications

Material	Metal
Flammability rating according to UL 94	V0
Seal material	NBR
	NBR

CUC-V14-F1S-EM/R4B8 - Panel-mount frame



1413966

<https://www.phoenixcontact.com/us/products/1413966>

Housing material	Metal
Housing surface material	nickel-plated
Material, protective cover	PC

Cable/line

Shielded	yes
----------	-----

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750
-----------------------------	-------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-10 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 60 °C

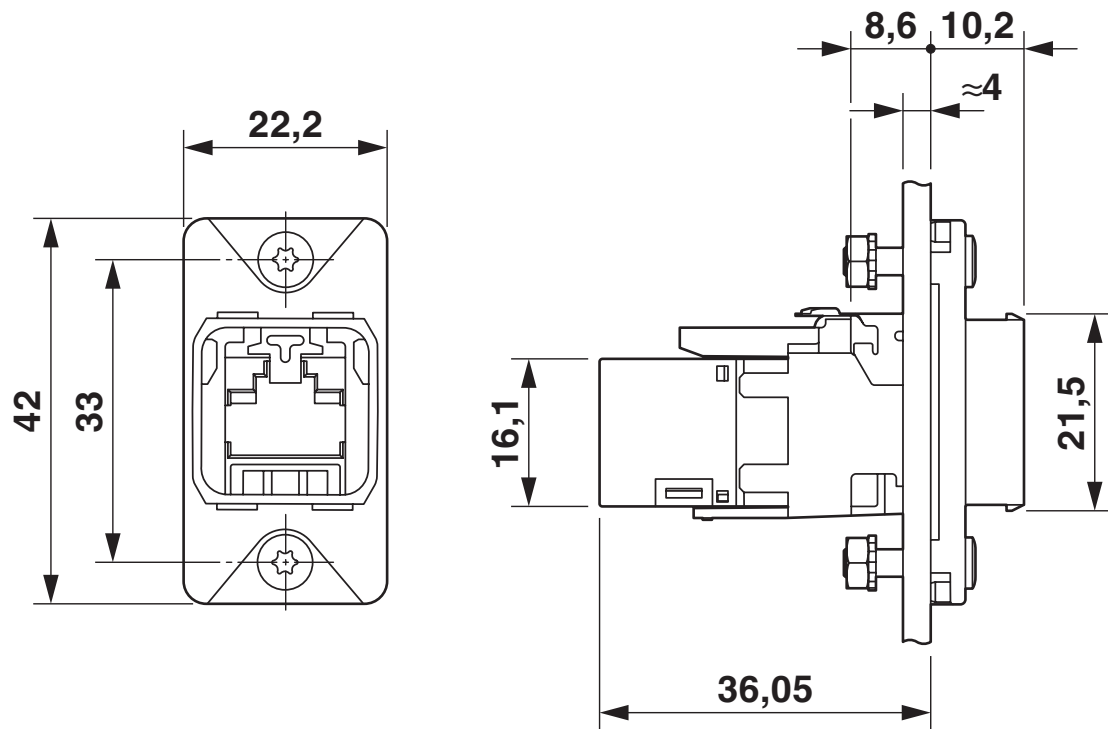
CUC-V14-F1S-EM/R4B8 - Panel-mount frame

1413966

<https://www.phoenixcontact.com/us/products/1413966>

Drawings

Dimensional drawing



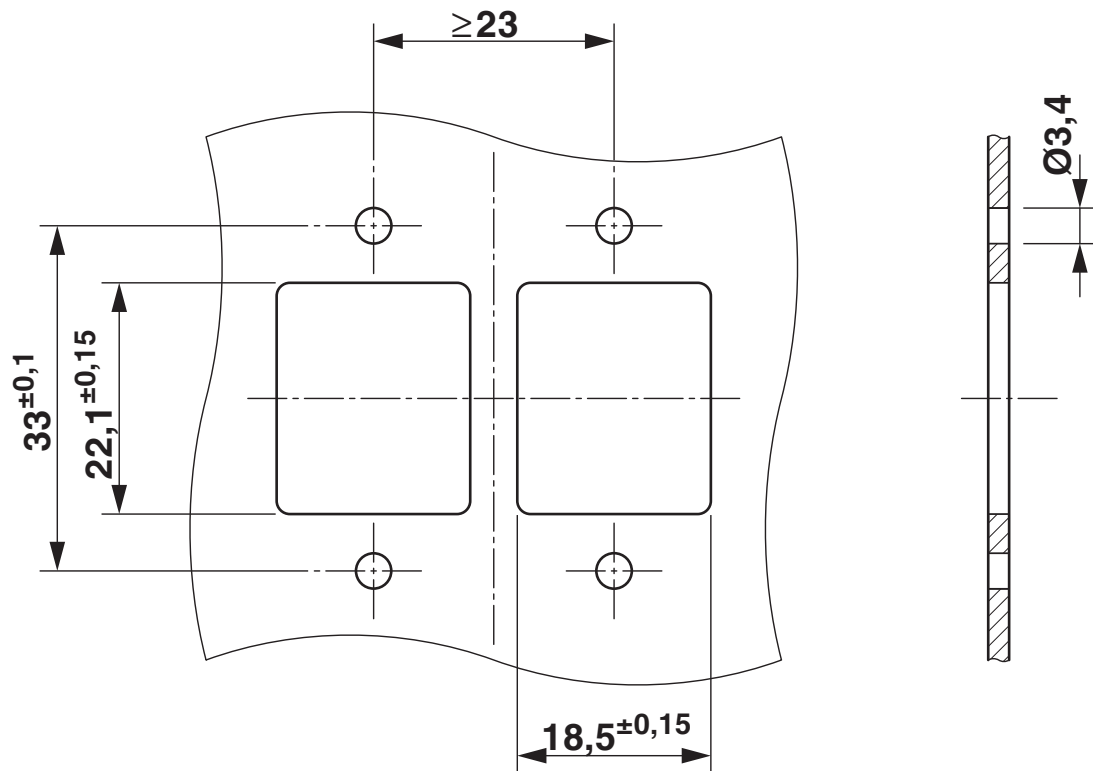
CUC-V14-F1S-EM/R4B8 - Panel-mount frame

1413966

<https://www.phoenixcontact.com/us/products/1413966>



Drilling plan/solder pad geometry



CUC-V14-F1S-EM/R4B8 - Panel-mount frame



1413966

<https://www.phoenixcontact.com/us/products/1413966>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1413966>

 cULus Recognized Approval ID: E335024-20160727				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	56.5 V	0.175 A	-	-

CUC-V14-F1S-EM/R4B8 - Panel-mount frame



1413966

<https://www.phoenixcontact.com/us/products/1413966>

Classifications

ECLASS

ECLASS-13.0	27440210
-------------	----------

ETIM

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

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

CUC-V14-F1S-EM/R4B8 - Panel-mount frame



1413966
<https://www.phoenixcontact.com/us/products/1413966>

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%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

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