

1413965
<https://www.phoenixcontact.com/us/products/1413965>

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RJ45 panel mounting frame, IP67, for push-pull interlocking, metal, for rectangular mounting cutout, with seal and mounting screws, incl. RJ45 insert with IDC cable connection

Commercial data

Item number	1413965
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNODB
GTIN	4055626082158
Weight per piece (including packing)	48.1 g
Weight per piece (excluding packing)	41.898 g
Country of origin	PL

CUC-V14-F1S-EM/R4F8 - Panel-mount frame



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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	RJ45
Number of positions	8
Connection profile	RJ45
Number of slots	1

Insulation characteristics

Degree of pollution	2
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Electrical properties

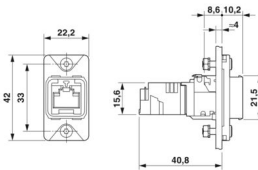
Rated voltage (III/3)	72 V (DC)
Rated surge voltage	1 kV
Operating voltage	72 V (DC)
Frequency range	500 MHz
Insulation resistance	> 500 M Ω (100 V DC)
Transmission medium	Copper
Transmission speed	10 Gbps

Connection data

Connection technology

Connection method	IDC connection
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Dimensions

Dimensional drawing	
Width	22.2 mm
Height	42 mm
Length	51 mm

Material specifications

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Material	Metal
Flammability rating according to UL 94	V0
Seal material	NBR
	NBR
Housing material	Metal
Housing surface material	nickel-plated
Material, protective cover	PC

Cable/line

Shielded	yes
External cable diameter	4.5 mm ... 9 mm
Wire diameter	0.4 mm ... 0.65 mm
Wire diameter including insulation	0.8 mm ... 1.6 mm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 750
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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)	-5 °C ... 55 °C

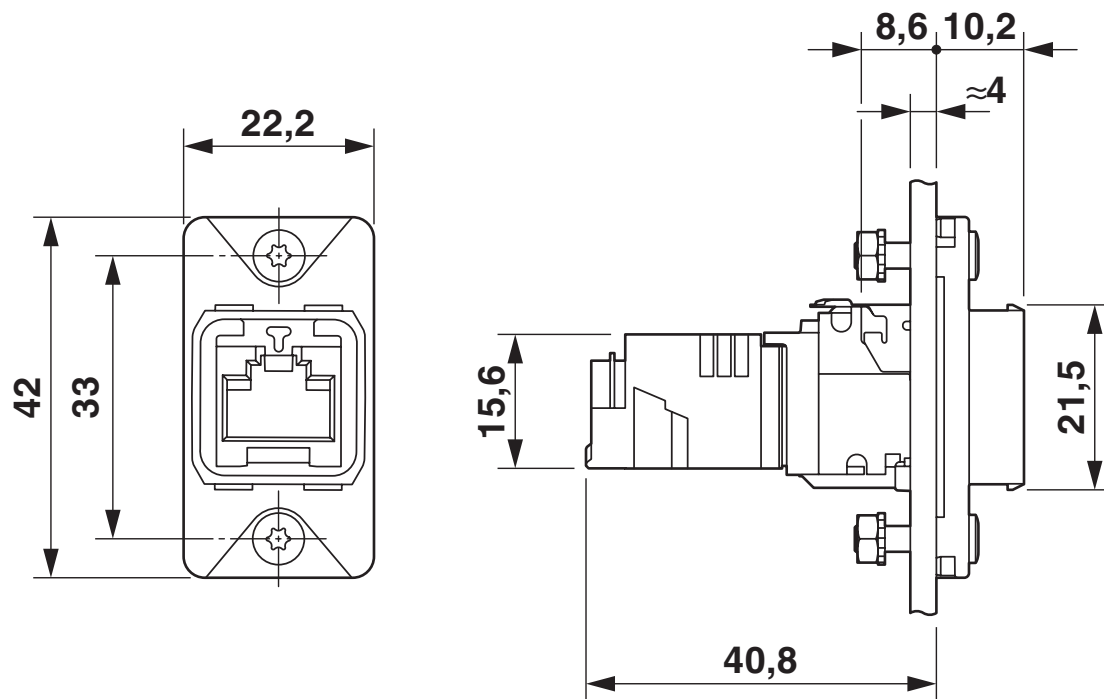
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Drawings

Dimensional drawing



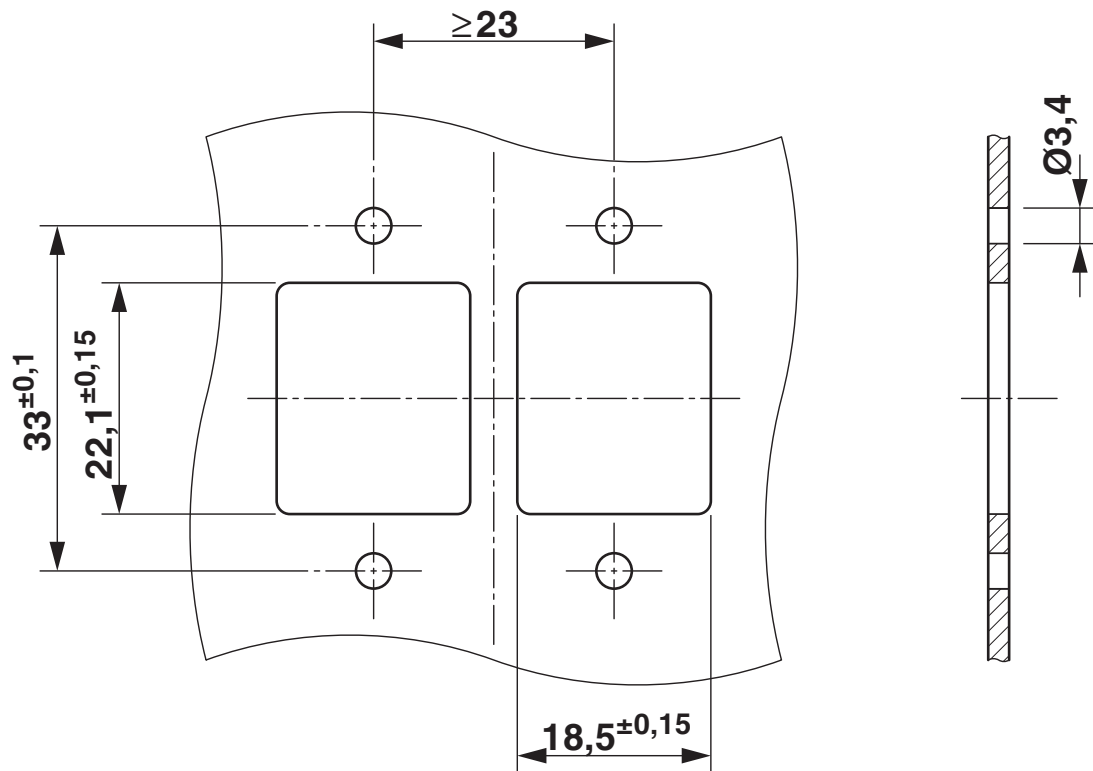
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Drilling plan/solder pad geometry



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1413965>

 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	-	-

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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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