

VS-PPC-F1-RJ45-POBK-1RF-BU/BU - Panel-mount frame



1404760

<https://www.phoenixcontact.com/us/products/1404760>

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, for rectangular mounting section, with grommet, without fixing screws, plastic, with RJ45 contact insert, 8-pos., shielded, socket on socket, CAT5e, Freenet system

Commercial data

Item number	1404760
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNODB
GTIN	4046356320849
Weight per piece (including packing)	25.36 g
Weight per piece (excluding packing)	25.36 g
Customs tariff number	85366990
Country of origin	DE

VS-PPC-F1-RJ45-POBK-1RF-BU/BU - Panel-mount frame



1404760

<https://www.phoenixcontact.com/us/products/1404760>

Technical data

Product properties

Product type	Panel-mount frame
Application	RJ45 PCB connection
Type	RJ45
Number of positions	8
Connection profile	RJ45
Shielded	yes

Insulation characteristics

Overvoltage category	I
Degree of pollution	1

Electrical properties

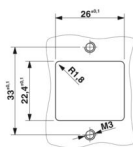
Rated voltage (III/3)	72 V (DC)
Rated surge voltage	≥ 1 kV
Rated current	1 A
Insulation resistance	≥ 500 M Ω
Transmission medium	Copper
Transmission characteristics (category)	CAT5 (IEC 11801:2002)

Connection data

Connection technology

Connection method	Spring-cage connection
-------------------	------------------------

Dimensions

Dimensional drawing	
Width	29.5 mm
Height	42 mm
Length	63.2 mm

Material specifications

Color	black
Material	Plastic
Flammability rating according to UL 94	V0
Seal material	NBR
Seal material, flat gasket	NBR
Housing material	Plastic

VS-PPC-F1-RJ45-POBK-1RF-BU/BU - Panel-mount frame



1404760

<https://www.phoenixcontact.com/us/products/1404760>

Housing surface material	PA, light gray
Contact surface material	Au/Ni
Contact carrier material	Polyester GF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
-----------------------------	-------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65/IP67
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-10 °C ... 60 °C

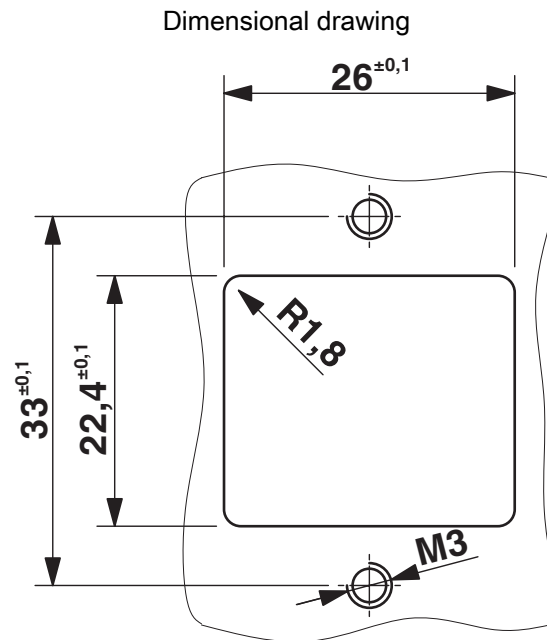
VS-PPC-F1-RJ45-POBK-1RF-BU/BU - Panel-mount frame



1404760

<https://www.phoenixcontact.com/us/products/1404760>

Drawings



Mounting cutout

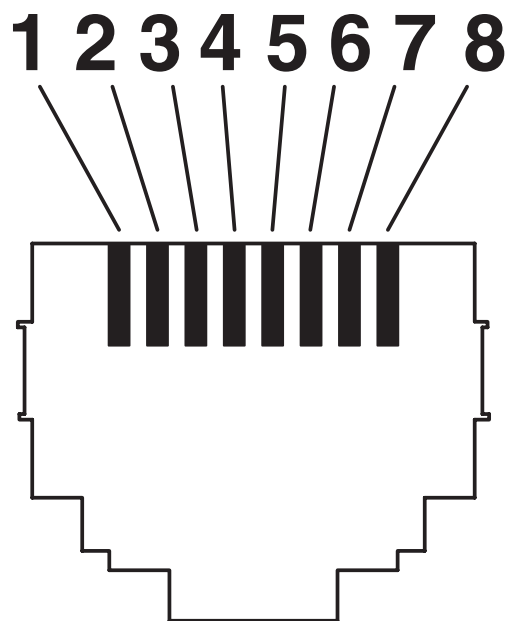
VS-PPC-F1-RJ45-POBK-1RF-BU/BU - Panel-mount frame



1404760

<https://www.phoenixcontact.com/us/products/1404760>

Schematic diagram



Connector pin assignment

VS-PPC-F1-RJ45-POBK-1RF-BU/BU - Panel-mount frame



1404760

<https://www.phoenixcontact.com/us/products/1404760>

Classifications

ECLASS

ECLASS-13.0	27440210
ECLASS-15.0	27440210

ETIM

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

UNSPSC

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

1404760
<https://www.phoenixcontact.com/us/products/1404760>

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