

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

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.



Panel mounting frame, IP67, for Freenet system, for round panel cutout, with grommet, without mounting screws, color: black

## Commercial data

Item number	1658668
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	AB17
Product key	ABNND A
Catalog page	Page 351 (C-2-2019)
GTIN	4046356163200
Weight per piece (including packing)	6.6 g
Weight per piece (excluding packing)	6.39 g
Customs tariff number	85389099
Country of origin	DE

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

## Technical data

### Product properties

Product type	Panel mounting frame
Application	Freenet
Type	Version 6
Number of positions	8
Connection profile	RJ45
Number of slots	1
Type	RJ45

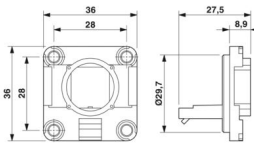
### Insulation characteristics

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

### Electrical properties

Transmission medium	Copper
---------------------	--------

### Dimensions

Dimensional drawing	
Width	36 mm
Height	36 mm
Depth	27.5 mm
Length	27.6 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
Housing surface material	PA, light gray
Contact surface material	Au/Ni
Contact carrier material	Polyester GF

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 1000
-----------------------------	--------

### Environmental and real-life conditions

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

## Ambient conditions

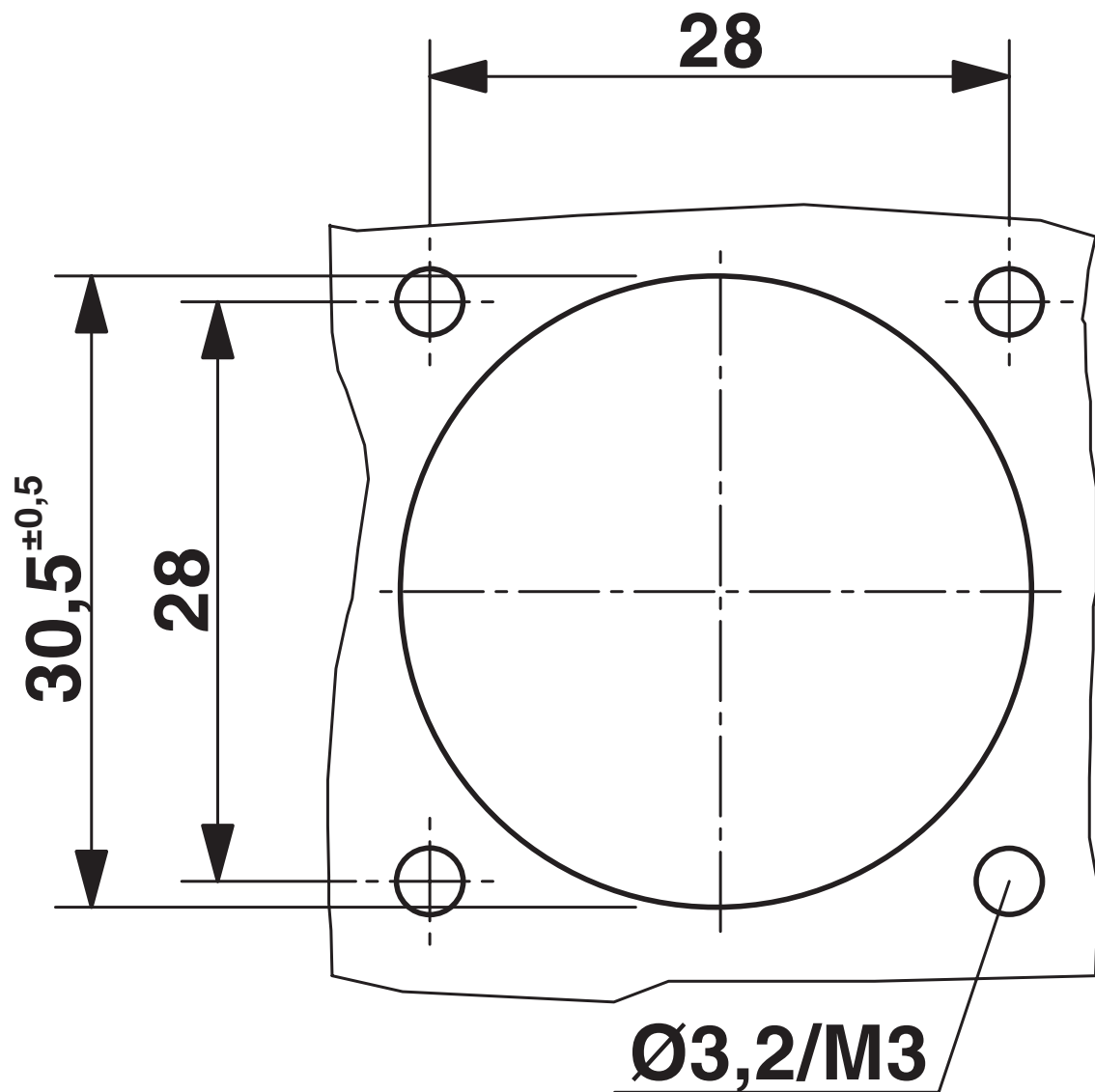
Degree of protection	IP65/IP67
Ambient temperature (operation)	-40 °C ... 80 °C

## Mounting

Mounting type	Front mounting
---------------	----------------

## Drawings

Dimensional drawing



Mounting cutout

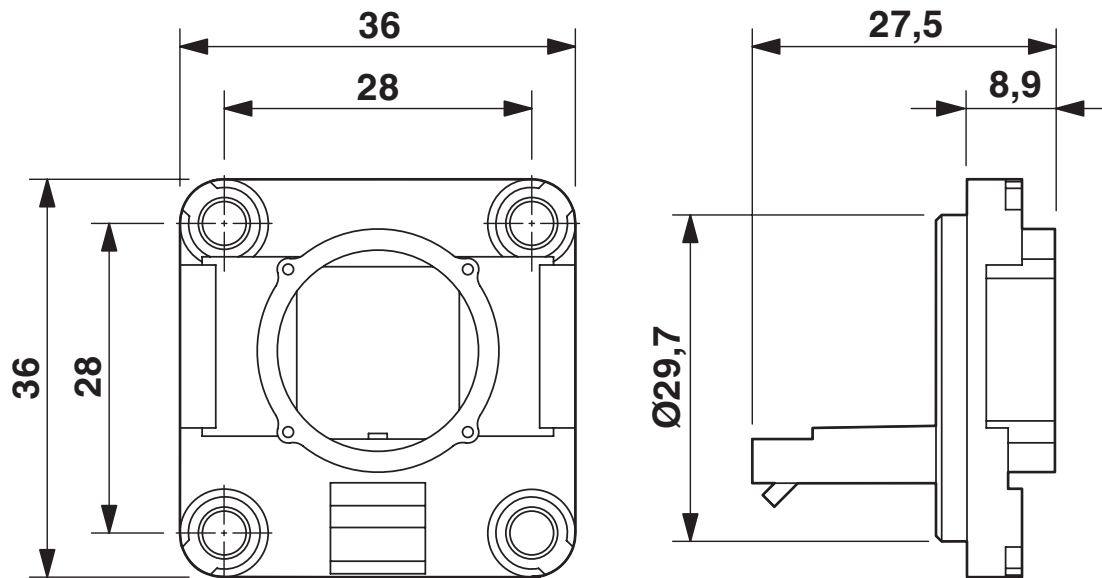
# VS-A-F-IP67-BK - Panel mounting frames

1658668

<https://www.phoenixcontact.com/us/products/1658668>



Dimensional drawing



Panel mounting frame for Freenet system

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

## 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%

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

## Accessories

### VS-08-SD - Protective cover

1689200

<https://www.phoenixcontact.com/us/products/1689200>

Protective cover, IP67, tall design



---

### VS-08-SD-F - Protective cover

1652606

<https://www.phoenixcontact.com/us/products/1652606>

Protective cover, IP67, flat design, to cover the contact insert in the panel mounting frame, color: gray





# VS-A-F-IP67-BK - Panel mounting frames



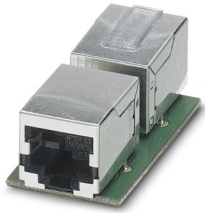
1658668

<https://www.phoenixcontact.com/us/products/1658668>

## VS-08-BU/BU-RJ45-F - RJ45 coupling

1405617

<https://www.phoenixcontact.com/us/products/1405617>



RJ45 coupling, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: PA-GF, for VS-08 and push-pull panel mounting frames

---

## VS-08-BU-RJ45-5-F/PK - RJ45 jack insert

1652936

<https://www.phoenixcontact.com/us/products/1652936>



RJ45 jack insert, design: RJ45, degree of protection: IP20, number of positions: 8, CAT5, material: Metal, connection method: IDC connection, connection cross section: AWG 24- 22, Ethernet

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

## VS-08-BU-RJ45-6-F/PK - RJ45 jack insert

1652949

<https://www.phoenixcontact.com/us/products/1652949>



RJ45 jack insert, degree of protection: IP20, number of positions: 8, connection method: IDC, connection cross section: AWG 26- 22

---

## VS-SCRJ-GOF-BU/BU - SC-RJ female insert

1652978

<https://www.phoenixcontact.com/us/products/1652978>



SC-RJ socket insert, duplex, for VS-A-F-IP67 panel mounting frame, can be used for fiberglass (multi-mode and single mode), PCF, and polymer fibers

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

## VS-04-BUA-BUB-F/IP67 - USB female insert

1653838

<https://www.phoenixcontact.com/us/products/1653838>



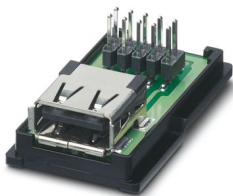
USB socket insert, 4-pos., socket USB type A on socket USB type B, for the Freenet system in the panel mounting frame, IP20 terminal outlet, 19" patch panel and service interface, pluggable from both directions

---

## VS-04-BUA-FK-F/IP67 - USB female insert

1653854

<https://www.phoenixcontact.com/us/products/1653854>



USB socket insert, 4-pos., socket USB type A on flat-ribbon cable terminal strip, pitch 2.54, for the Freenet system in the panel mounting frame, IP20 terminal outlet, 19" patch panel and service interface

# VS-A-F-IP67-BK - Panel mounting frames



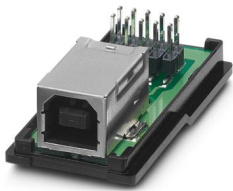
1658668

<https://www.phoenixcontact.com/us/products/1658668>

## VS-04-BUB-FK-F/IP67 - USB female insert

1653867

<https://www.phoenixcontact.com/us/products/1653867>



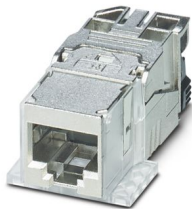
USB socket insert, 4-pos., socket USB type B on flat-ribbon cable terminal strip, pitch 2.54, for the Freenet system in the panel mounting frame, IP20 terminal outlet, 19" patch panel and service interface

---

## CUC-F-J1ZNI-S/R4IDC8 - RJ45 jack insert

1418984

<https://www.phoenixcontact.com/us/products/1418984>



RJ45 jack insert, design: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, material: Metal, connection method: IDC connection, connection cross section: AWG 26- 22, cable outlet: straight, Freenet design for use with IP67 panel mounting frame and terminal outlets, Ethernet

# VS-A-F-IP67-BK - Panel mounting frames



1658668

<https://www.phoenixcontact.com/us/products/1658668>

## CUC-F-D1ZNI-S/R4GCHP8 - RJ45 coupling

1086111

<https://www.phoenixcontact.com/us/products/1086111>



RJ45 coupling, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, material: Metal, connection method: Coupling, cable outlet: straight, Freenet design for use with IP67 panel mounting frame and terminal outlets, Ethernet

---

Phoenix Contact 2024 © - 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](mailto:info@phoenixcon.com)