

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



1652936

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

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 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

Commercial data

Item number	1652936
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACA
GTIN	4017918969929
Weight per piece (including packing)	21.7 g
Weight per piece (excluding packing)	14.113 g
Customs tariff number	85366990
Country of origin	CH

1652936

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

Technical data

Product properties

Product type	Female insert
Type	RJ45
Sensor type	Ethernet
Number of positions	8
Connection profile	RJ45
Number of slots	1
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 MΩ
Nominal voltage U_N	48 V
Nominal current I_N	1 A
Transmission medium	Copper
Transmission characteristics (category)	CAT5

Connection data

Connection technology

Connection method	IDC connection
-------------------	----------------

Dimensions

Width	22.8 mm
Height	16.8 mm
Length	41.6 mm

Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact material	Copper alloy
Contact surface material	Gold
Contact carrier material	PC

Mechanical properties

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



1652936

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

Mechanical data

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

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	0 °C ... 60 °C

Mounting

Mounting type	Snap in
---------------	---------

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

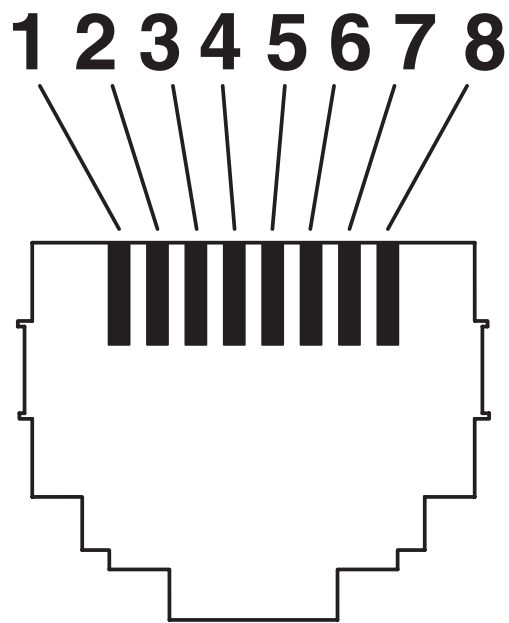
1652936

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



Drawings

Schematic diagram



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



1652936

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

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1652936>



UL Listed

Approval ID: FILE E 335024



cUL Listed

Approval ID: FILE E 335024

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



1652936

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

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440318

ETIM

ETIM 10.0	EC004746
-----------	----------

UNSPSC

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

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



1652936

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

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 2026 © - 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