

VS-08-BU-RJ45/BU - RJ45 coupling



1689064

<https://www.phoenixcontact.com/us/products/1689064>

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 coupling, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5, material: Plastic, connection method: Coupling, Keystone, Ethernet

Your advantages

- Keystone adapter
- Transmission rate up to 1000 Mbps

Commercial data

Item number	1689064
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACB
GTIN	4017918876937
Weight per piece (including packing)	9.62 g
Weight per piece (excluding packing)	8.735 g
Customs tariff number	85366990
Country of origin	DE

VS-08-BU-RJ45/BU - RJ45 coupling

1689064

<https://www.phoenixcontact.com/us/products/1689064>



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	II
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	1.5 A
Insulation resistance	$\geq 500 \text{ M}\Omega$
Contact resistance	20 m Ω
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5

Connection data

Connection technology

Connection method	Coupling
-------------------	----------

Dimensions

Width	22.1 mm
Length	34.5 mm
Drill hole distance, horizontal	22 mm

Material specifications

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

Cable/line

Test voltage Core/Core	1000 V
Test voltage Core/Shield	1500.00 V

VS-08-BU-RJ45/BU - RJ45 coupling



1689064

<https://www.phoenixcontact.com/us/products/1689064>

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

VS-08-BU-RJ45/BU - RJ45 coupling



1689064

<https://www.phoenixcontact.com/us/products/1689064>

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440390

ETIM

ETIM 9.0	EC004746
----------	----------

UNSPSC

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

VS-08-BU-RJ45/BU - RJ45 coupling



1689064

<https://www.phoenixcontact.com/us/products/1689064>

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