

# VS-08-KU-IP67-BK - RJ45 coupling



1658684

<https://www.phoenixcontact.com/us/products/1658684>

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, IP67, CAT5e, with protective cover, color: black



## Your advantages

- Permanent mounting is also an option
- Including covers for protection against environmental influences

## Commercial data

Item number	1658684
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB17
Product key	ABNNAZ
GTIN	4046356163217
Weight per piece (including packing)	54.1 g
Weight per piece (excluding packing)	44.94 g
Customs tariff number	85366990
Country of origin	DE

# VS-08-KU-IP67-BK - RJ45 coupling



1658684

<https://www.phoenixcontact.com/us/products/1658684>

## Technical data

### Product properties

Product type	Female insert
Housing type	Plastic sleeve housing
Number of positions	8
Connection profile	RJ45
No. of cable outlets	1
Number of slots	1
Shielded	no
Cable outlet	straight

### 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
Transmission medium	Copper
Transmission characteristics (category)	CAT5

### Connection data

#### Connection technology

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

### Interfaces

Signal type/category	Ethernet CAT5
----------------------	---------------

### Dimensions

Width	43 mm
Height	36.5 mm
Length	58.9 mm

### Material specifications

Color	black
Flammability rating according to UL 94	V0
Seal material	NBR
Housing material	Plastic
Contact material	Copper alloy
Contact surface material	Gold over nickel

# VS-08-KU-IP67-BK - RJ45 coupling



1658684

<https://www.phoenixcontact.com/us/products/1658684>

Contact carrier material	Thermoplastic
--------------------------	---------------

## Cable/line

Signal type/category	Ethernet CAT5
----------------------	---------------

## Mechanical properties

### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP67
	IP65/IP67
Ambient temperature (operation)	-10 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Ambient temperature (assembly)	-40 °C ... 55 °C

# VS-08-KU-IP67-BK - RJ45 coupling





1658684

<https://www.phoenixcontact.com/us/products/1658684>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1658684>

 <b>cUL Recognized</b> Approval ID: E118976				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	50 V	1.75 A	-	-

 <b>UL Recognized</b> Approval ID: E118976				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	50 V	1.75 A	-	-

# VS-08-KU-IP67-BK - RJ45 coupling



1658684

<https://www.phoenixcontact.com/us/products/1658684>

## Classifications

### ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440325

### UNSPSC

UNSPSC 21.0	43222600
-------------	----------

# VS-08-KU-IP67-BK - RJ45 coupling



1658684

<https://www.phoenixcontact.com/us/products/1658684>

## 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%
-------------------------------------	----------------------------

### EF3.1 Climate Change

CO2e kg	1.214 kg CO2e
---------	---------------

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](mailto:info@phoenixcon.com)