

VS-08-BU-RJ45-6/KA/LSA - RJ45 jack insert



1653168

<https://www.phoenixcontact.com/us/products/1653168>

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 socket insert, modular (Keystone), CAT6, 8-pos., shielded, with cable connection (LSA), for litz and solid wires AWG 26 ... 22

Commercial data

Item number	1653168
Packing unit	5 pc
Minimum order quantity	1 pc
Sales key	AB10
Product key	ABNACA
GTIN	4017918970086
Weight per piece (including packing)	30.36 g
Weight per piece (excluding packing)	27.394 g
Customs tariff number	85366990
Country of origin	CN

VS-08-BU-RJ45-6/KA/LSA - RJ45 jack insert



1653168

<https://www.phoenixcontact.com/us/products/1653168>

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
----------------------	----

Electrical properties

Rated voltage (III/3)	72 V (DC)
Rated current	2 A
Insulation resistance	≥ 500 MΩ
Nominal current I_N	2 A
Contact resistance	≤ 20 mΩ
Transmission medium	Copper
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT6 _A
Power transmission	PoE++

Connection data

Connection technology

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

Material specifications

Flammability rating according to UL 94	V0
Housing material	Plastic
Contact material	Copper alloy
Contact surface material	Gold

Cable/line

Cable type	Suitable for round cables, litz wires, and solid conductors. Not suitable for flat-ribbon cables
External cable diameter	8 mm
External cable diameter	10 mm
Shielding	360°

Mechanical properties

Mechanical data

VS-08-BU-RJ45-6/KA/LSA - RJ45 jack insert



1653168

<https://www.phoenixcontact.com/us/products/1653168>

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

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 66 °C

VS-08-BU-RJ45-6/KA/LSA - RJ45 jack insert



1653168

<https://www.phoenixcontact.com/us/products/1653168>

Classifications

ECLASS

ECLASS-13.0	27440390
ECLASS-15.0	27440318

ETIM

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

UNSPSC

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

VS-08-BU-RJ45-6/KA/LSA - RJ45 jack insert



1653168

<https://www.phoenixcontact.com/us/products/1653168>

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