

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.

D-SUB contact insert, shell size 1, with 15 signal contacts, type of contact socket, for PCB assembly, angled, fixing with 4-40 UNC thread and solder pins, for panel mounting frame VS-09-  
...



Your advantages

- High packing density with 15 signal contacts in D-SUB shell size 1
- Easy assembly

Commercial data

Item number	1656136
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAB
GTIN	4046356029612
Weight per piece (including packing)	15.96 g
Weight per piece (excluding packing)	11.31 g
Customs tariff number	85366990
Country of origin	DE

## Technical data

### Product properties

Product type	Contact insert
Application	high-position
Type	D-SUB
Number of positions	15
Connection profile	D-SUB
Number of slots	1
Shielded	yes

### Insulation characteristics

Overvoltage category	III
Degree of pollution	2

### Electrical properties

Rated voltage in acc. with IEC 61076-2-101	250 V
Rated voltage (III/3)	60 V
Rated surge voltage	1 kV
Rated current	3 A (at 20 °C)
Test voltage	1000 V
Transmission medium	Copper

### Connection data

Connection method	Wave soldering contacts
-------------------	-------------------------

### Dimensions

Width	21.6 mm
Height	17.1 mm
Length	31.19 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	Glass-fiber reinforced thermoplastics, UL 94 V0

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 50
Insertion force per signal contact	≤ 3.40 N

# VS-09-BU-DSUB-HD-ER - D-SUB contact insert



1656136

<https://www.phoenixcontact.com/us/products/1656136>

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-55 °C ... 105 °C

## Mounting

Mounting type	Screw mounting
---------------	----------------

# VS-09-BU-DSUB-HD-ER - D-SUB contact insert



1656136

<https://www.phoenixcontact.com/us/products/1656136>

## Classifications

### ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

### ETIM

ETIM 9.0	EC001132
----------	----------

### UNSPSC

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

# VS-09-BU-DSUB-HD-ER - D-SUB contact insert



1656136

<https://www.phoenixcontact.com/us/products/1656136>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	13ff3812-c920-47d0-b56f-c9557b57a243

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](mailto:info@phoenixcon.com)