

# VS-25-ST-DSUB-LH-B - D-SUB contact insert



1654824

<https://www.phoenixcontact.com/us/products/1654824>

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 3, with 25 signal contacts, type of contact pin, for PCB assembly, angled, fixing with a 2.5 mm hole and solder metal plate, for panel mounting frame VS-25-...



## Your advantages

- D-SUB 25 connection
- Easy assembly
- Direct PCB connection
- Compatible with IP67 panel-mount frame

## Commercial data

Item number	1654824
Packing unit	25 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAA
GTIN	4017918989217
Weight per piece (including packing)	16.134 g
Weight per piece (excluding packing)	14.11 g
Customs tariff number	85366990
Country of origin	DE

# VS-25-ST-DSUB-LH-B - D-SUB contact insert



1654824

<https://www.phoenixcontact.com/us/products/1654824>

## Technical data

### Product properties

Product type	Contact insert
Type	D-SUB
Number of positions	25
Connection profile	D-SUB 25
Shielded	no

### Insulation characteristics

Overvoltage category	III
Degree of pollution	2

### Electrical properties

Rated voltage in acc. with IEC 61076-2-101	400 V
Rated voltage (III/3)	125 V
Rated surge voltage	1 kV
Rated current	5 A (at 20 °C)
Test voltage	1200 V
Transmission medium	Copper

### Connection data

Connection method	PCB connection
-------------------	----------------

### Dimensions

Width	53 mm
Height	12.5 mm
Length	14 mm

### Material specifications

Flammability rating according to UL 94	V0
Housing material	Steel, tin-plated
Housing surface material	tin-plated
Contact material	Copper alloy
Contact surface material	Au

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 200
Insertion force per signal contact	≤ 3.40 N

### Environmental and real-life conditions

#### Ambient conditions

# VS-25-ST-DSUB-LH-B - D-SUB contact insert



1654824

<https://www.phoenixcontact.com/us/products/1654824>

Degree of protection	IP20
Ambient temperature (operation)	-55 °C ... 125 °C

## Mounting

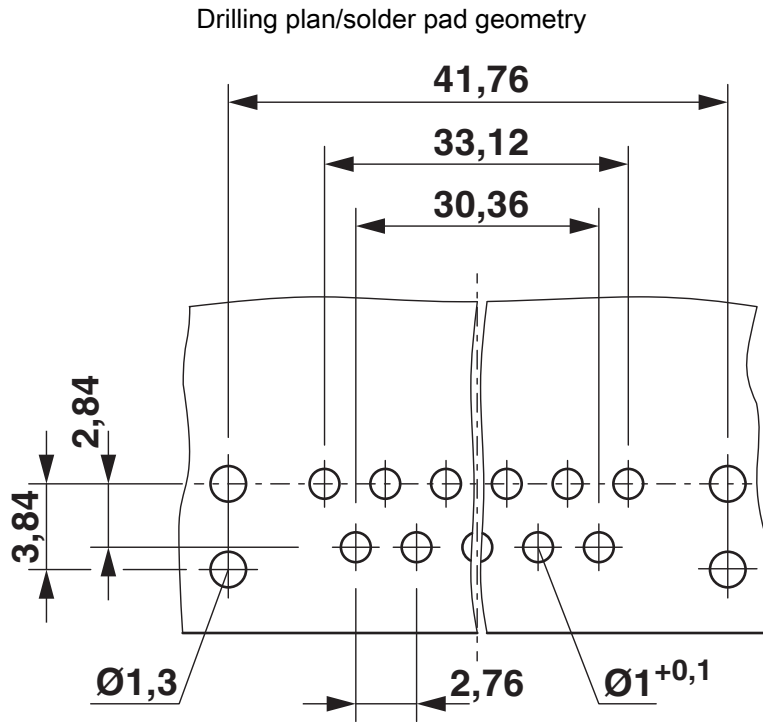
Mounting type	Hole and solder metal plate
---------------	-----------------------------

# VS-25-ST-DSUB-LH-B - D-SUB contact insert

1654824

<https://www.phoenixcontact.com/us/products/1654824>

## Drawings



Drilling diagram

# VS-25-ST-DSUB-LH-B - D-SUB contact insert



1654824

<https://www.phoenixcontact.com/us/products/1654824>

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1654824>



**UL Recognized**

Approval ID: E118976

# VS-25-ST-DSUB-LH-B - D-SUB contact insert



1654824

<https://www.phoenixcontact.com/us/products/1654824>

## Classifications

### ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

### ETIM

ETIM 10.0	EC001132
-----------	----------

### UNSPSC

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

# VS-25-ST-DSUB-LH-B - D-SUB contact insert



1654824

<https://www.phoenixcontact.com/us/products/1654824>

## 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	24f07eb3-14c2-49c4-b0f8-24140694e10e

### EF3.1 Climate Change

CO2e kg	0.824 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)