

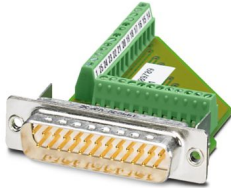
# VS-25-ST-DSUB/25-MPT-0,5 - D-SUB contact insert



1689789

<https://www.phoenixcontact.com/us/products/1689789>

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, male type of contact, screw connection, straight, for panel mounting frame and sleeve housing with IP67 protection

## Your advantages

- Easy assembly
- Screw connection

## Commercial data

Item number	1689789
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAA
GTIN	4017918914080
Weight per piece (including packing)	25.85 g
Weight per piece (excluding packing)	25.85 g
Customs tariff number	85366990
Country of origin	DE

1689789

<https://www.phoenixcontact.com/us/products/1689789>

## Technical data

### Product properties

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

### Insulation characteristics

Overvoltage category	III
Degree of pollution	2

### Electrical properties

Rated voltage (III/3)	60 V
Rated current	5 A
Insulation resistance	≥ 5000 MΩ
Contact resistance per contact pair	≤ 2.5 mΩ
Transmission medium	Copper

### Connection data

Connection method	Screw connection
-------------------	------------------

### Dimensions

Width	12.6 mm
Height	63 mm
Length	53.5 mm

### Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PBTP

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	≥ 200
Insertion force per signal contact	≤ 3.30 N
Extraction force per signal contact	≤ 2.2 N

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
----------------------	------

# VS-25-ST-DSUB/25-MPT-0,5 - D-SUB contact insert



1689789

<https://www.phoenixcontact.com/us/products/1689789>

Ambient temperature (operation)	-20 °C ... 70 °C
---------------------------------	------------------

## Mounting

Mounting type	Hole
---------------	------

# VS-25-ST-DSUB/25-MPT-0,5 - D-SUB contact insert



1689789

<https://www.phoenixcontact.com/us/products/1689789>

## Classifications

### ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

### ETIM

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

### UNSPSC

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

1689789

<https://www.phoenixcontact.com/us/products/1689789>

## 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	9ca9e77c-8ed2-4351-8ecd-70faf9783b4c

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)