

VS-09-ST-DSUB-LH-B - D-SUB contact insert



1654785

<https://www.phoenixcontact.com/us/products/1654785>

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 nine 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-09-...



Your advantages

- D-SUB 9 connection
- Easy assembly
- Direct PCB connection
- Compatible with IP67 panel-mount frame

Commercial data

Item number	1654785
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAA
GTIN	4017918989170
Weight per piece (including packing)	12.15 g
Weight per piece (excluding packing)	9.39 g
Customs tariff number	85366990
Country of origin	DE

VS-09-ST-DSUB-LH-B - D-SUB contact insert



1654785

<https://www.phoenixcontact.com/us/products/1654785>

Technical data

Product properties

Product type	Contact insert
Type	D-SUB
Number of positions	9
Connection profile	D-SUB
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	20 mm
Height	13 mm
Length	31.19 mm

Material specifications

Flammability rating according to UL 94	V0
Housing material	Steel, tin-plated
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PBT-GF

Mechanical properties

Mechanical data

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

Environmental and real-life conditions

Ambient conditions

VS-09-ST-DSUB-LH-B - D-SUB contact insert



1654785

<https://www.phoenixcontact.com/us/products/1654785>

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

Mounting

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

VS-09-ST-DSUB-LH-B - D-SUB contact insert



1654785

<https://www.phoenixcontact.com/us/products/1654785>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1654785>



UL Recognized

Approval ID: E118976

VS-09-ST-DSUB-LH-B - D-SUB contact insert



1654785

<https://www.phoenixcontact.com/us/products/1654785>

Classifications

ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

ETIM

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

UNSPSC

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

VS-09-ST-DSUB-LH-B - D-SUB contact insert



1654785

<https://www.phoenixcontact.com/us/products/1654785>

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	07a9e227-2cbf-4449-917c-8ded0d93e41f

EF3.1 Climate Change

CO2e kg	0.553 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