

1654785

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

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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	10 pc
Sales key	AB19
Product key	ABNCAA
Catalog page	Page 211 (C-2-2013)
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



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## Technical data

### Product properties

Type	D-SUB
Product type	Male insert
Number of positions	9
Connection profile	D-SUB
Type	Male
Shielded	no

### Insulation characteristics

Overvoltage category	III
Degree of pollution	2

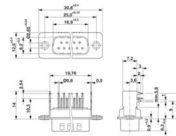
### Electrical properties

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
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### Dimensions

Dimensional drawing	
Width	20 mm
Height	13 mm
Length	31.19 mm

### Material specifications

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

### Mechanical properties

#### Mechanical data

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Insertion/withdrawal cycles	$\geq 200$
Insertion force per signal contact	$\leq 3.40 \text{ N}$

## Environmental and real-life conditions

### Ambient conditions

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

## Mounting

Mounting type	Hole and solder metal plate
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## Classifications

### ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

### ETIM

ETIM 9.0	EC003557
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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