

# VS-09-ST-DSUB/10-MPT-0,5 - D-SUB contact insert



1688379

<https://www.phoenixcontact.com/us/products/1688379>

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D-SUB contact insert, shell size 1, with 9 signal contacts, male type of contact, screw connection, straight, for panel mounting frame and sleeve housing with IP67 protection

## Your advantages

- D-SUB 9 connection
- Screw connection

## Commercial data

Item number	1688379
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAA
GTIN	4017918817527
Weight per piece (including packing)	12.87 g
Weight per piece (excluding packing)	12 g
Customs tariff number	85366990
Country of origin	DE

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## 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 (III/3)	60 V
Rated current	5 A
Insulation resistance	$\geq 5000 \text{ M}\Omega$
Contact resistance per contact pair	$\leq 2.5 \text{ m}\Omega$
Transmission medium	Copper

### Connection data

Connection method	Screw connection
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### Dimensions

Width	31 mm
Height	12.6 mm
Length	49 mm

### Material specifications

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

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	$\geq 200$
Insertion force per signal contact	$\leq 3.30 \text{ N}$
Extraction force per signal contact	$\leq 2.2 \text{ N}$

### Environmental and real-life conditions

#### Ambient conditions

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Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 80 °C

## Mounting

Mounting type	Hole
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## Classifications

### ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

### ETIM

ETIM 10.0	EC001132
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### UNSPSC

UNSPSC 21.0	39121400
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## 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	98da6a98-f1b7-4952-a741-06fc4332e5d3

### EF3.1 Climate Change

CO2e kg	0.952 kg CO2e
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