

VS-09-BU-DSUB/9-MPT-0,5 - D-SUB contact insert



1688395

<https://www.phoenixcontact.com/us/products/1688395>

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

Your advantages

- Easy connection with screw terminal technology

Commercial data

Item number	1688395
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAB
GTIN	4017918817534
Weight per piece (including packing)	13.7 g
Weight per piece (excluding packing)	13.98 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Product properties

Product type	Contact insert
Type	D-SUB
Number of positions	9
Connection profile	D-SUB
Number of slots	1
Shielded	yes

Insulation characteristics

Overvoltage category	II
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
Power transmission	Power

Connection data

Connection method	Screw connection
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Dimensions

Width	31 mm
Height	12.6 mm
Length	49 mm

Material specifications

Housing material	Metal
Housing surface material	metal-plated
Contact surface material	Gold

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 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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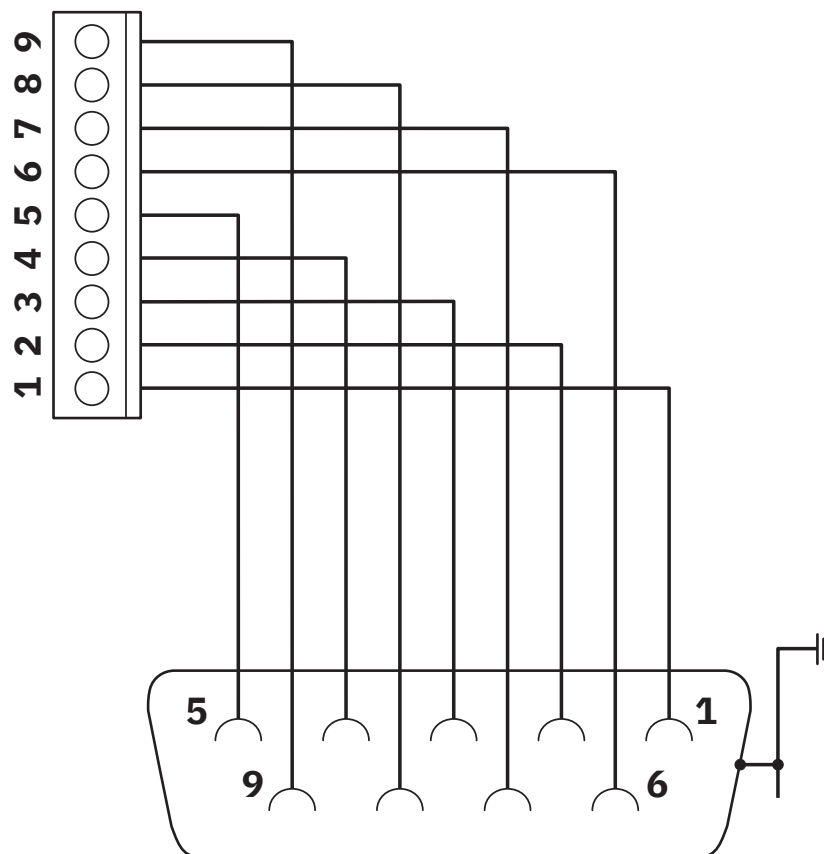
Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 80 °C

Mounting

Mounting type	Screw mounting
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Drawings

Circuit diagram



Circuit diagram

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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	5a30f7cf-9ebd-464a-9e6c-0862b2a39edf

EF3.1 Climate Change

CO2e kg	1.018 kg CO2e
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