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

- Easy assembly

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

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	≥ 5000 MΩ
Contact resistance per contact pair	≤ 2.5 mΩ
Transmission medium	Copper

Connection data

Connection method	Screw connection

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

Environmental and real-life conditions

Ambient conditions

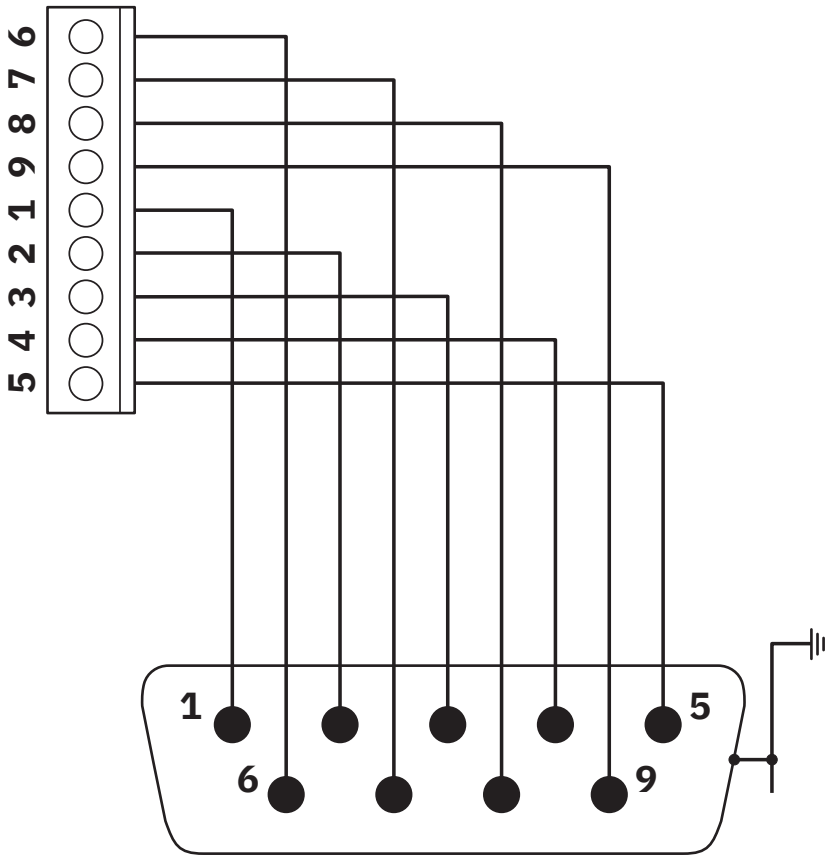
Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 80 °C

Mounting

Mounting type	Hole

Drawings

Circuit diagram



Circuit diagram

Classifications

ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

ETIM

ETIM 10.0	EC001132

UNSPSC

UNSPSC 21.0	39121400

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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