

1688861

<https://www.phoenixcontact.com/us/products/1688861>

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D-SUB contact carrier, shell size 1, for nine signal contacts, type of contact socket, for crimp contacts, straight, fixing with a 3 mm hole, for panel mounting frame and sleeve housing VS-09-..



Your advantages

- D-SUB 9 connection
- Compatible with IP67 sleeve housing and panel-mount frame
- Easy assembly

Commercial data

Item number	1688861
Packing unit	100 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAB
GTIN	4017918822996
Weight per piece (including packing)	6.053 g
Weight per piece (excluding packing)	4.87 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General	Test voltage only in combination with crimp contact, Item No.: 1418788.
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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	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	1500 V
Transmission medium	Copper

Connection data

Connection method	Crimp connection
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Dimensions

Width	17.9 mm
Height	12.93 mm
Length	31.19 mm

Material specifications

Flammability rating according to UL 94	V0
Housing material	Metal
Housing surface material	metal-plated
Contact surface material	Gold
Contact carrier material	Glass-fiber reinforced thermoplastics, UL 94 V0

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
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VS-09-BU-DSUB-CD-B - D-SUB contact support



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Insertion force per signal contact	$\leq 3.40 \text{ N}$
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-55 °C ... 130 °C

Mounting

Mounting type	Screw mounting
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VS-09-BU-DSUB-CD-B - D-SUB contact support



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Approvals

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UL Recognized

Approval ID: E118976

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Classifications

ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

ETIM

ETIM 9.0	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, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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