

1688858
<https://www.phoenixcontact.com/ie/products/1688858>

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D-SUB contact carrier, shell size 1, for nine signal contacts, type of contact pin, for crimp contacts, straight, fixing with 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	1688858
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB
Product key	ABNCAA
Catalog page	Page 212 (C-2-2013)
GTIN	4017918822989
Weight per piece (including packing)	9.74 g
Weight per piece (excluding packing)	9.74 g
Customs tariff number	85366990
Country of origin	DE

VS-09-ST-DSUB-CD-B - D-SUB contact support



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Technical data

Notes

General	Test voltage only in combination with crimp contact, Item No.: 1418786.
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Product properties

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

Data management status

Article revision	02
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Insulation characteristics

Overvoltage category	III
Degree of pollution	2

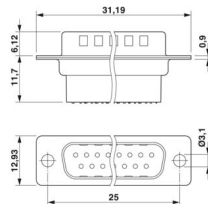
Electrical properties

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

Dimensional drawing	
Width	18 mm
Height	12.93 mm
Length	31.2 mm

Material specifications

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1688858

<https://www.phoenixcontact.com/ie/products/1688858>

Flammability rating according to UL 94	V0
Housing material	Steel, tin-plated
Contact material	Copper alloy
Contact carrier material	Glass-fiber reinforced thermoplastics, UL 94 V0

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500
Insertion force per signal contact	$\leq 3.40 \text{ N}$

Environmental and real-life conditions

Ambient conditions

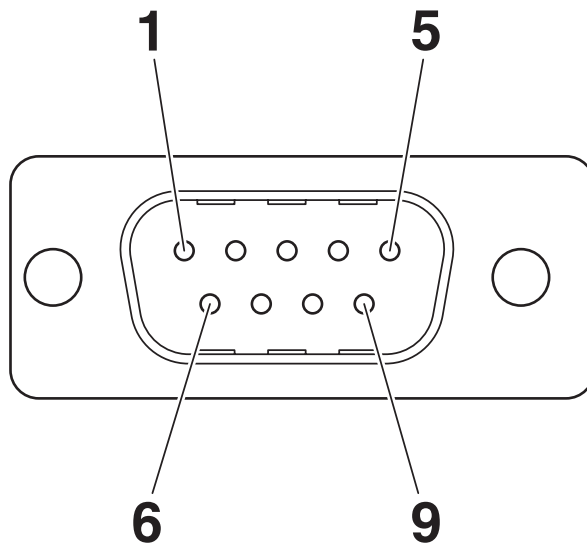
Ambient temperature (operation)	-55 °C ... 130 °C
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Mounting

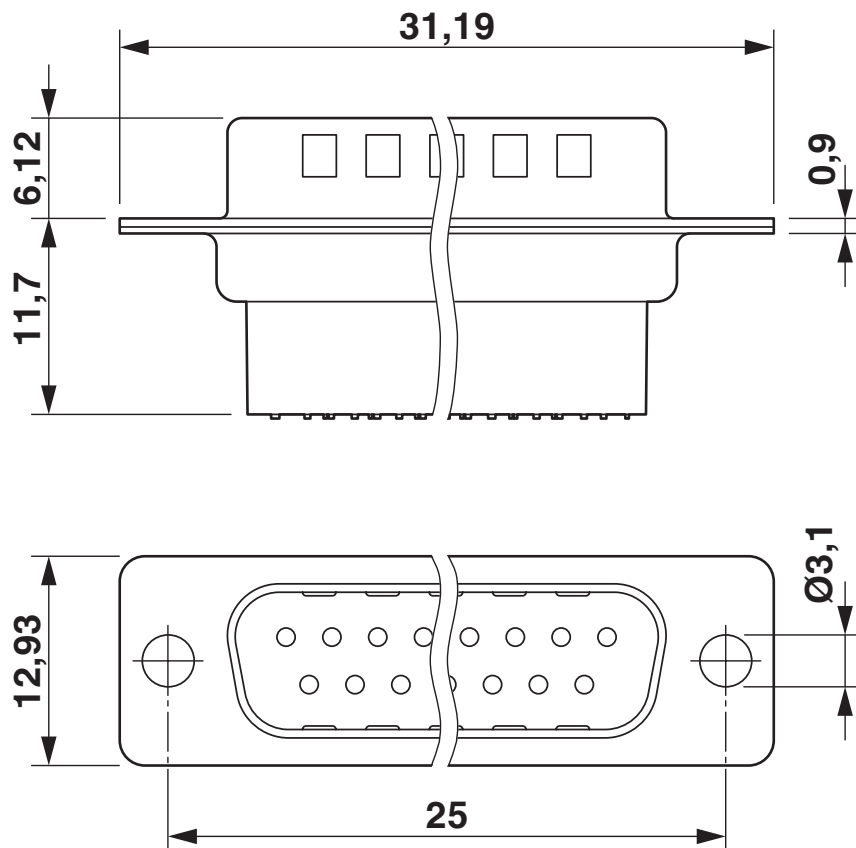
Mounting type	Hole
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Drawings

Schematic diagram



Dimensional drawing



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1688858

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Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/ie/products/1688858>



UL Recognized

Approval ID: FILE E 118976

1688858

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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

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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Accessories

CUC-DST-GPME-S/DSSC9 - D-SUB sleeve housings

1419705

<https://www.phoenixcontact.com/ie/products/1419705>

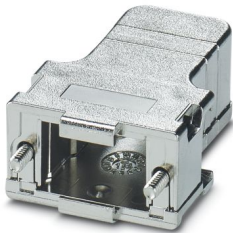


D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: straight, housing size: 1, color: Bare metallic

CUC-DST-GPME-A/DSSC9 - D-SUB sleeve housings

1419706

<https://www.phoenixcontact.com/ie/products/1419706>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: angled, housing size: 1, color: Bare metallic

VS-09-ST-DSUB-CD-B - D-SUB contact support

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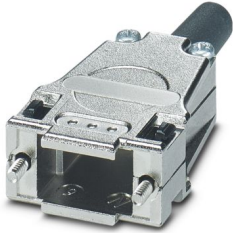
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CUC-DST-GZNI-S/DSSC9 - D-SUB sleeve housings

1419722

<https://www.phoenixcontact.com/ie/products/1419722>

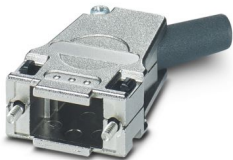


D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: straight, housing size: 1, color: Bare metallic

CUC-DST-GZNI-A/DSSC9 - D-SUB sleeve housings

1419723

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D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: angled, housing size: 1, color: Bare metallic

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VS-09-T-2M16 - D-SUB sleeve housings

1688353

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D-SUB sleeve housings, degree of protection: IP67, material: PA, cable outlet: angled, housing size: 1, color: gray

VS-09-A - Panel mounting frames

1688366

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D-SUB panel mounting frame, shell size 1, IP67 degree of protection

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CUC-SCHRAUBE-5,5:360 - Screw

1421711

<https://www.phoenixcontact.com/ie/products/1421711>

Screw, design: Hexagonal, color: Bare metallic



CUC-DSC-C1BAU-S/DSC24 - D-SUB crimp contact

1418786

<https://www.phoenixcontact.com/ie/products/1418786>

D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 24- 20



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CUC-DSC-C1BAU-S/DSC28 - D-SUB crimp contact

1418784

<https://www.phoenixcontact.com/ie/products/1418784>



D-SUB crimp contact, connection method: Crimp connection, connection cross section: AWG 28- 24

VS-09-BU-DSUB-CD-B - D-SUB contact support

1688861

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



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-...

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