

VS-15-ST-DSUB-ER - Contact insert



1688081

<https://www.phoenixcontact.com/pc/products/1688081>

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D-SUB contact insert, shell size 2, with 15 signal contacts, type of contact pin, for PCB mounting, angled, fixing with M3 thread and solder pins, for panel mounting frame VS-15-...



Your advantages

- D-SUB 15 connection
- Compatible with IP67 sleeve housing and panel-mount frame
- Easy assembly

Commercial data

Item number	1688081
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	ABNCAA
Catalog page	Page 211 (C-2-2013)
GTIN	4017918179588
Weight per piece (including packing)	16.952 g
Weight per piece (excluding packing)	14.19 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	Male insert
Type	D-SUB
Number of positions	15
Connection profile	D-SUB 15
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	1200 V
Transmission medium	Copper

Connection data

Connection method	PCB connection
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Dimensions

Dimensional drawing	
Width	21.4 mm
Height	17.6 mm
Length	39.52 mm

Material specifications

Flammability rating according to UL 94	V0
Housing material	Steel, tin-plated

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Contact material	Copper alloy
Contact surface material	Hard gold-plated over nickel
Contact carrier material	PBT-GF

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 50
Insertion force per signal contact	$\leq 3.40 \text{ N}$

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-55 °C ... 125 °C

Mounting

Mounting type	Threads and solder pins
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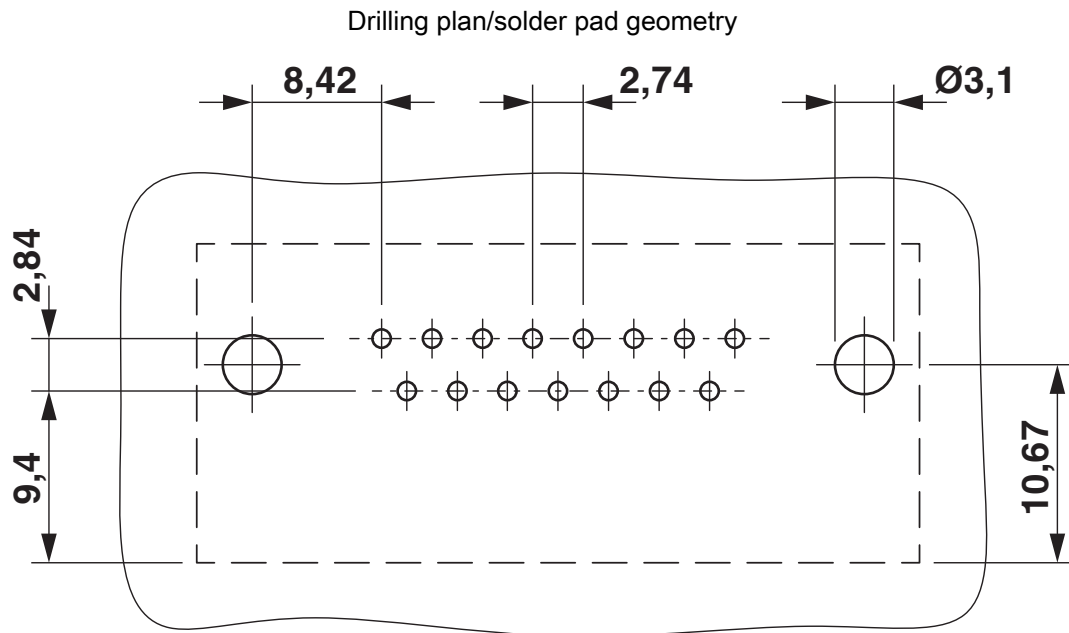
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Drawings



Drilling diagram

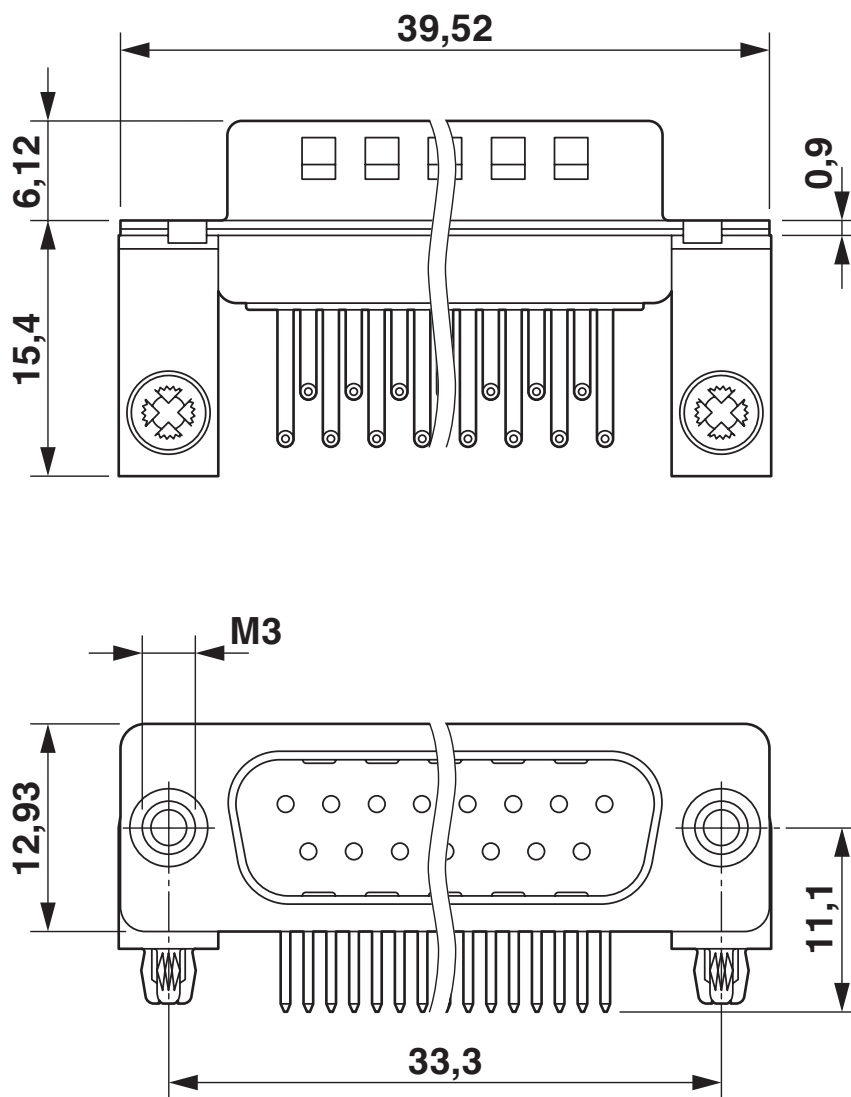
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Dimensional drawing



D-SUB contact insert

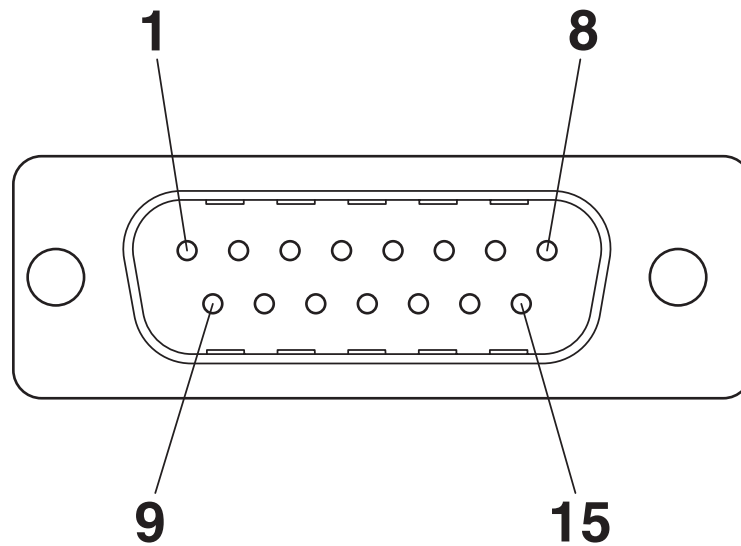
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Schematic diagram



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Approvals

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UL Recognized

Approval ID: E118976

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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
Exemption	6(a), 6(a)-I, 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	f7948a0b-3264-4063-95f3-99ffea16a22d

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Accessories

CUC-DST-GPME-S/DSSC15 - D-SUB sleeve housings

1419710

<https://www.phoenixcontact.com/pc/products/1419710>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: straight, housing size: 2, color: Bare metallic

CUC-DST-GPME-A/DSSC15 - D-SUB sleeve housings

1419718

<https://www.phoenixcontact.com/pc/products/1419718>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: angled, housing size: 2, color: Bare metallic

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CUC-DST-GZNI-S/DSSC15 - D-SUB sleeve housings

1419724

<https://www.phoenixcontact.com/pc/products/1419724>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: straight, housing size: 2, color: Bare metallic

CUC-DST-GZNI-A/DSSC15 - D-SUB sleeve housings

1419725

<https://www.phoenixcontact.com/pc/products/1419725>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: angled, housing size: 2, color: Bare metallic

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VS-15-A - Panel-mount frame

1688036

<https://www.phoenixcontact.com/pc/products/1688036>

D-SUB panel mounting frame, shell size 2, IP67 degree of protection



VS-15-T-2PG11 - D-SUB sleeve housings

1688052

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D-SUB sleeve housing, shell size 2, IP67 degree of protection



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CUC-SCHRAUBE-5,5:360 - Screw

1421711

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Screw, design: Hexagonal, color: Bare metallic



VS-15-BU-DSUB-ER - Contact insert

1688120

<https://www.phoenixcontact.com/pc/products/1688120>

D-SUB contact insert, shell size 2, with 15 signal contacts, type of contact socket, for PCB mounting, angled, fixing with M3 thread and solder pins, for panel mounting frame VS-15-...



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