

VS-25-ST-DSUB-ER - Contact insert



1689873

<https://www.phoenixcontact.com/pc/products/1689873>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

D-SUB contact insert, shell size 3, with 25 signal contacts, type of contact pin, for PCB mounting, angled, fixing with M3 thread and solder pins, for panel mounting frame VS-25-...



Your advantages

- D-SUB 25 connection
- Compatible with IP67 sleeve housing and panel-mount frame
- Easy assembly

Commercial data

Item number	1689873
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	ABNCAA
Catalog page	Page 211 (C-2-2013)
GTIN	4017918914271
Weight per piece (including packing)	21.71 g
Weight per piece (excluding packing)	17.6 g
Customs tariff number	85366990
Country of origin	DE

VS-25-ST-DSUB-ER - Contact insert

1689873

<https://www.phoenixcontact.com/pc/products/1689873>



Technical data

Product properties

Product type	Male insert
Type	D-SUB
Number of positions	25
Connection profile	D-SUB 25
Type	Male
Shielded	no

Data management status

Article revision	02
------------------	----

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
-------------------	----------------

Dimensions

Dimensional drawing	
Width	21.3 mm
Height	17.6 mm
Length	53.42 mm

Material specifications

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

VS-25-ST-DSUB-ER - Contact insert



1689873

<https://www.phoenixcontact.com/pc/products/1689873>

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)	$-55 \text{ °C} \dots 125 \text{ °C}$

Mounting

Mounting type	Threads and solder pins
---------------	-------------------------

VS-25-ST-DSUB-ER - Contact insert

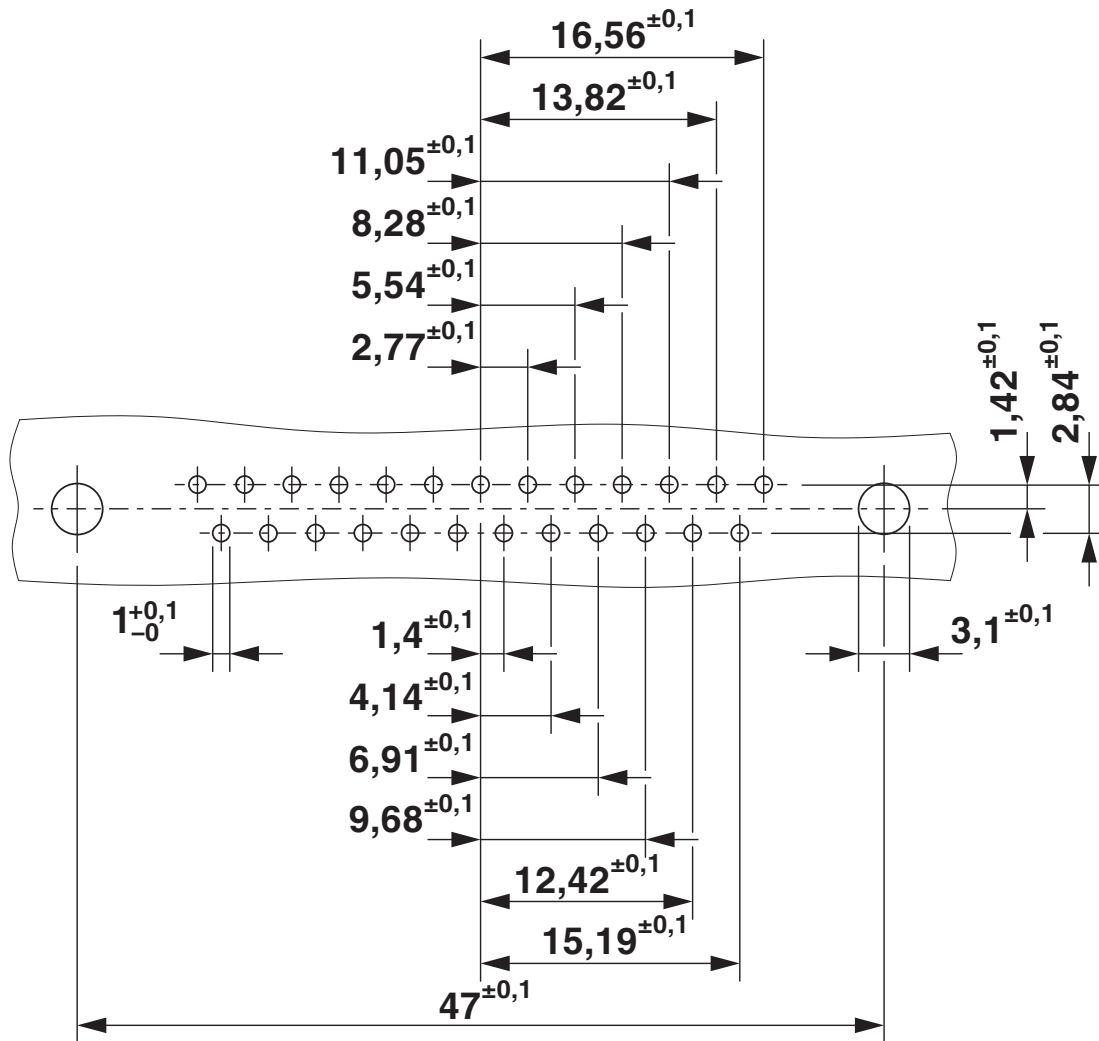
1689873

<https://www.phoenixcontact.com/pc/products/1689873>



Drawings

Drilling plan/solder pad geometry



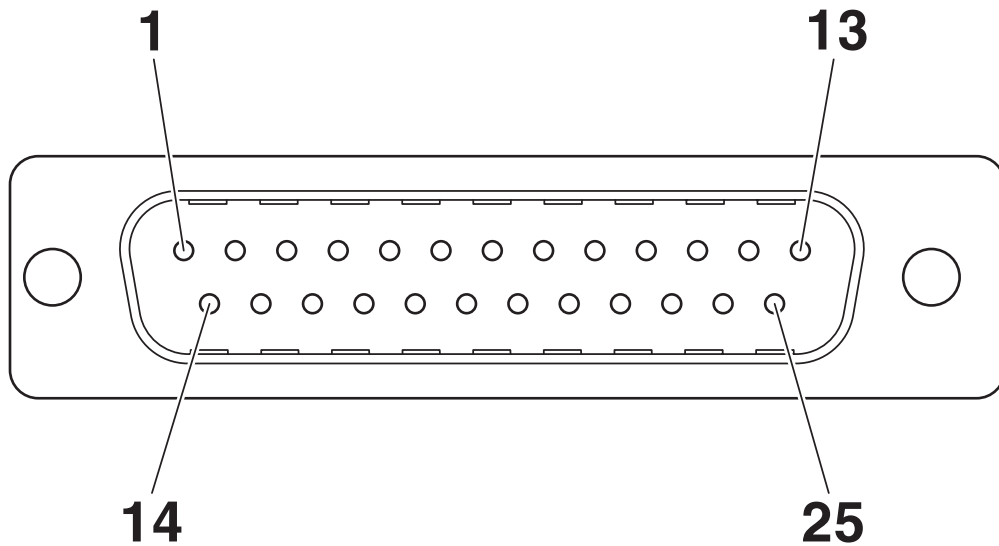
Drilling diagram

VS-25-ST-DSUB-ER - Contact insert

1689873

<https://www.phoenixcontact.com/pc/products/1689873>

Schematic diagram



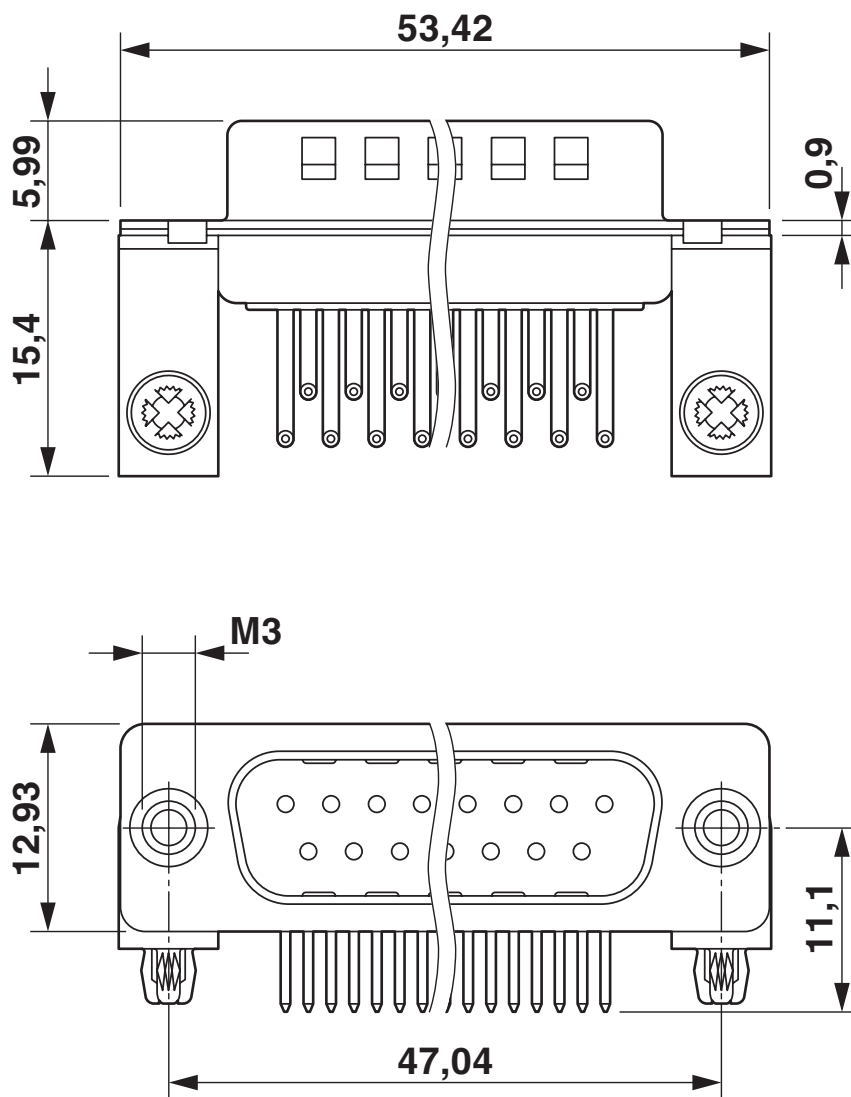
VS-25-ST-DSUB-ER - Contact insert

1689873

<https://www.phoenixcontact.com/pc/products/1689873>



Dimensional drawing



D-SUB contact insert

VS-25-ST-DSUB-ER - Contact insert



1689873

<https://www.phoenixcontact.com/pc/products/1689873>

Approvals

 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/pc/products/1689873>



UL Recognized

Approval ID: E118976

VS-25-ST-DSUB-ER - Contact insert



1689873

<https://www.phoenixcontact.com/pc/products/1689873>

Classifications

ECLASS

ECLASS-11.0	27440223
ECLASS-12.0	27440223
ECLASS-13.0	27440223

ETIM

ETIM 9.0	EC003557
----------	----------

UNSPSC

UNSPSC 21.0	39121400
-------------	----------

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	5f762d3c-10ed-448a-adc3-00758843ba8a

VS-25-ST-DSUB-ER - Contact insert

1689873

<https://www.phoenixcontact.com/pc/products/1689873>



Accessories

CUC-DST-GPME-S/DSSC25 - D-SUB sleeve housings

1419719

<https://www.phoenixcontact.com/pc/products/1419719>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: straight, housing size: 3, color: Bare metallic

CUC-DST-GPME-A/DSSC25 - D-SUB sleeve housings

1419721

<https://www.phoenixcontact.com/pc/products/1419721>



D-SUB sleeve housings, degree of protection: IP20, material: ABS, metal-plated, cable outlet: angled, housing size: 3, color: Bare metallic

VS-25-ST-DSUB-ER - Contact insert

1689873

<https://www.phoenixcontact.com/pc/products/1689873>



CUC-DST-GZNI-S/DSSC25 - D-SUB sleeve housings

1419727

<https://www.phoenixcontact.com/pc/products/1419727>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: straight, housing size: 3, color: Bare metallic

CUC-DST-GZNI-A/DSSC25 - D-SUB sleeve housings

1419728

<https://www.phoenixcontact.com/pc/products/1419728>



D-SUB sleeve housings, degree of protection: IP20, material: Zinc die-cast, cable outlet: angled, housing size: 3, color: Bare metallic

VS-25-ST-DSUB-ER - Contact insert

1689873

<https://www.phoenixcontact.com/pc/products/1689873>



VS-25-A - Panel-mount frame

1689750

<https://www.phoenixcontact.com/pc/products/1689750>

D-SUB panel mounting frame, shell size 3, IP67 degree of protection



VS-25-T-2M20 - D-SUB sleeve housings

1689792

<https://www.phoenixcontact.com/pc/products/1689792>

D-SUB sleeve housing, shell size 3, IP67 degree of protection



VS-25-ST-DSUB-ER - Contact insert

1689873

<https://www.phoenixcontact.com/pc/products/1689873>



CUC-SCHRAUBE-5,5:360 - Screw

1421711

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

Screw, design: Hexagonal, color: Bare metallic



VS-25-BU-DSUB-ER - Contact insert

1689886

<https://www.phoenixcontact.com/pc/products/1689886>

D-SUB contact insert, shell size 3, with 25 signal contacts, type of contact socket, for PCB mounting, angled, fixing with M3 thread and solder pins, for panel mounting frame VS-25-...



Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com