

VS-25-SET-EMV - D-SUB connector set



1652208

<https://www.phoenixcontact.com/us/products/1652208>

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 connector set, shell size 3, IP67 protection, with shrouds



Commercial data

Item number	1652208
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCBA
GTIN	4017918917128
Weight per piece (including packing)	113 g
Weight per piece (excluding packing)	107.7 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Safety note

Safety note

WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.

- **WARNING:** Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.

- **WARNING:** Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.

- The products are suitable for applications in plant, controller, and electrical device engineering.

- When operating the connectors in outdoor applications, they must be separately protected against environmental influences.

- Assembled products may not be manipulated or improperly opened.

- Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at [phoenixcontact.com/products](https://www.phoenixcontact.com/products)).

- When using the product in direct connection with third-party manufacturers, the user is responsible.

- For operating voltages > 50 V AC, conductive connector housings must be grounded

- Only use tools recommended by Phoenix Contact

- The installation notes/Design In documents online on the download page at [phoenixcontact.com/products](https://www.phoenixcontact.com/products) must be observed for this product.

- Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at [phoenixcontact.com/products](https://www.phoenixcontact.com/products)

- Operate the connector only when it is fully plugged in and interlocked.

- Operate the connector only when it is fully plugged in.

- Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.

- Observe the minimum bending radius of the cable. Lay the cable without twisting it.

- VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector

Product properties

VS-25-SET-EMV - D-SUB connector set



1652208

<https://www.phoenixcontact.com/us/products/1652208>

Product type	Data connector (cable side)
Application	Housing set
Type	D-SUB
Sensor type	Universal
Number of positions	25
No. of cable outlets	2
Shielded	yes
Cable outlet	angled

Insulation characteristics

Degree of pollution	2
---------------------	---

Electrical properties

Transmission medium	Copper
---------------------	--------

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Seal material	Flat gasket: NBR; profile gasket: EPDM
Housing material	Plastic
Cable seal material	CR/NBR

Cable/line

Cable type	Round cable
External cable diameter	3 mm ... 9 mm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 1000
-----------------------------	--------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 80 °C

VS-25-SET-EMV - D-SUB connector set

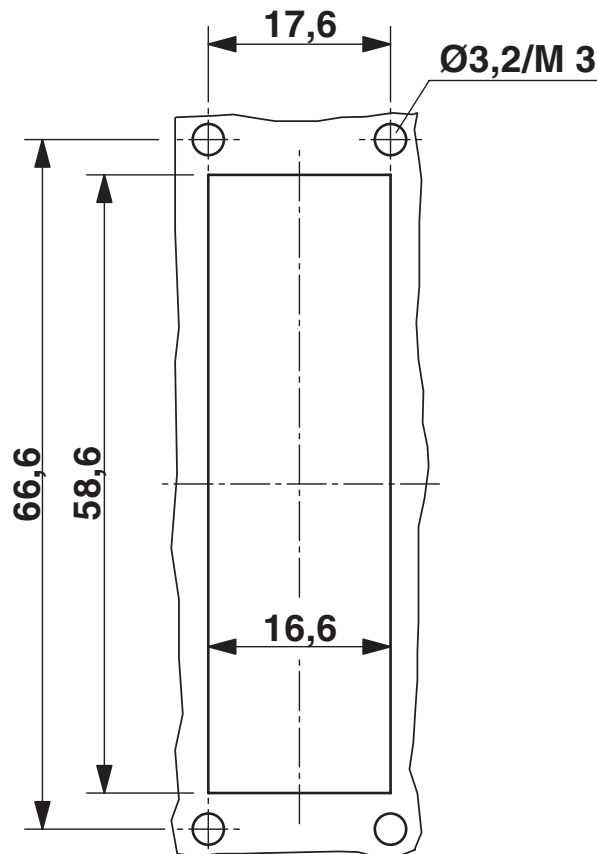
1652208

<https://www.phoenixcontact.com/us/products/1652208>



Drawings

Dimensional drawing



Mounting cutout

VS-25-SET-EMV - D-SUB connector set



1652208

<https://www.phoenixcontact.com/us/products/1652208>

Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440324

ETIM

ETIM 9.0	EC002943
----------	----------

UNSPSC

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

VS-25-SET-EMV - D-SUB connector set



1652208

<https://www.phoenixcontact.com/us/products/1652208>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

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

EU REACH SVHC

REACH candidate substance (CAS No.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	185ed64a-6bdf-4b40-9c7e-a86ef78b80b2

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com