

VS-PSC 1,5/3-M - Contact insert

1689310

<https://www.phoenixcontact.com/us/products/1689310>



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.

POWER-SUBCON header, for mounting side, shielded, color: green



Commercial data

Item number	1689310
Packing unit	10 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	AB19
Product key	ABNCAB
Catalog page	Page 215 (C-2-2013)
GTIN	4017918883768
Weight per piece (including packing)	6.89 g
Weight per piece (excluding packing)	6.88 g
Customs tariff number	85366990
Country of origin	PL

VS-PSC 1,5/3-M - Contact insert



1689310

<https://www.phoenixcontact.com/us/products/1689310>

Technical data

Notes

Notes on operation	Only actuate MINI COMBICON connectors when under no load condition. If for operating reasons small loads must be switched, experimental values are available upon request.
--------------------	--

Product properties

Product type	Male insert
Type	D-SUB
Number of positions	3
Type	Male

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

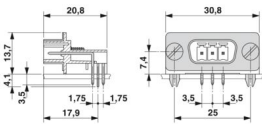
Electrical properties

Rated voltage (III/3)	250 V
Rated surge voltage	4 kV
Rated current	8 A
Contact resistance	3 mΩ
Insulation resistance	1 TΩ
Transmission medium	Copper

Connection data

Connection method	PCB connection
-------------------	----------------

Dimensions

Dimensional drawing	
Width	30.8 mm
Height	13.7 mm
Length	20.8 mm

Material specifications

Flammability rating according to UL 94	V0
Contact material	Copper alloy
Contact surface material	tin-plated
Contact carrier material	PA

VS-PSC 1,5/3-M - Contact insert



1689310

<https://www.phoenixcontact.com/us/products/1689310>

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
-----------------------------	-------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 80 °C

Mounting

Mounting type	Threads
---------------	---------

VS-PSC 1,5/3-M - Contact insert

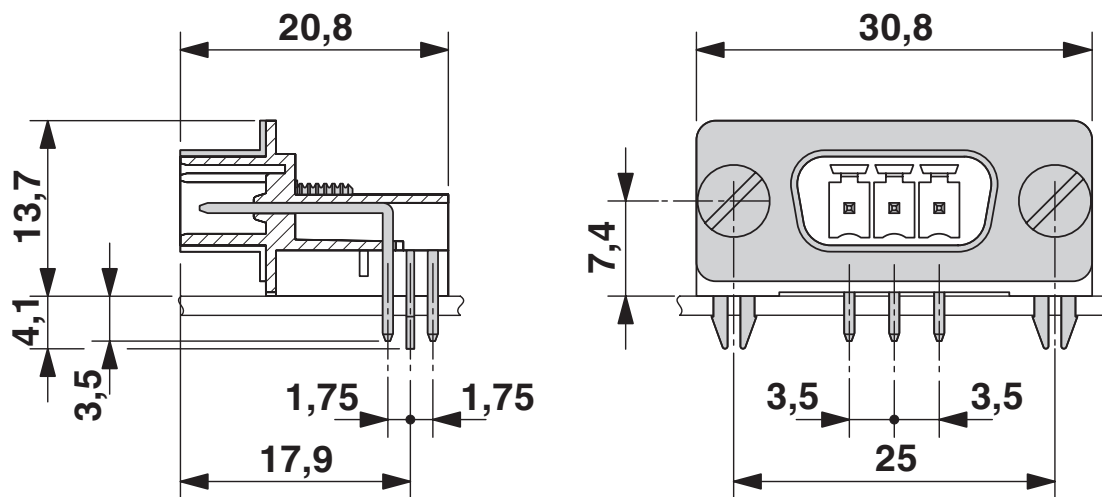
1689310

<https://www.phoenixcontact.com/us/products/1689310>



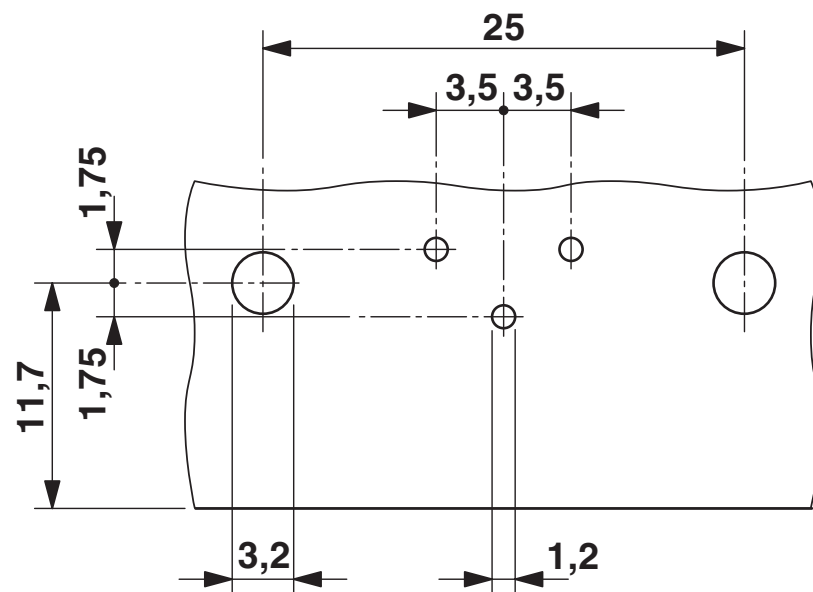
Drawings

Dimensional drawing



POWER SUBCON contact insert

Drilling plan/solder pad geometry



Drilling diagram

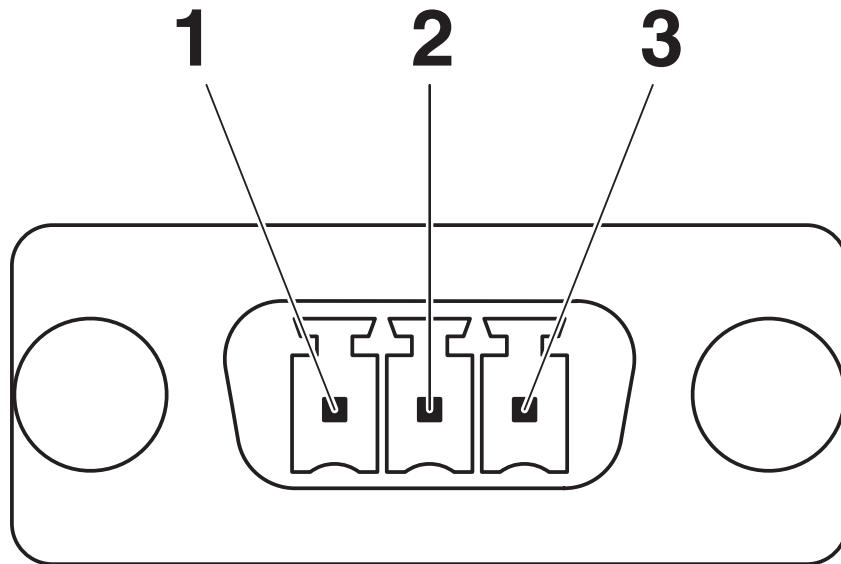
VS-PSC 1,5/3-M - Contact insert

1689310

<https://www.phoenixcontact.com/us/products/1689310>



Schematic diagram



VS-PSC 1,5/3-M - Contact insert

1689310

<https://www.phoenixcontact.com/us/products/1689310>



Classifications

ECLASS

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

ETIM

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

UNSPSC

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

VS-PSC 1,5/3-M - Contact insert



1689310
<https://www.phoenixcontact.com/us/products/1689310>

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.)	No substance above 0.1 wt%

Phoenix Contact 2024 © - 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