

# VS-PSC 1,5/5-M - PCB header

1688825

<https://www.phoenixcontact.com/us/products/1688825>



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POWER-SUBCON header, for mounting side, 5-pos., shielded, green, for wall thicknesses up to 2.0 or 4.5 mm, with spacer pin SW 5L5/4-40 UNC-M 3 x 8



## Commercial data

Item number	1688825
Packing unit	10 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB19
Product key	ABNCAB
GTIN	4017918189716
Weight per piece (including packing)	8.22 g
Weight per piece (excluding packing)	6.704 g
Customs tariff number	85366990
Country of origin	PL

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## 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.
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### Product properties

Product type	Contact insert
Type	D-SUB
Number of positions	5

### Insulation characteristics

Ovvoltage 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
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### Dimensions

Width	39.1 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

### Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	≥ 100

### Environmental and real-life conditions

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

## Mounting

Mounting type	Threads
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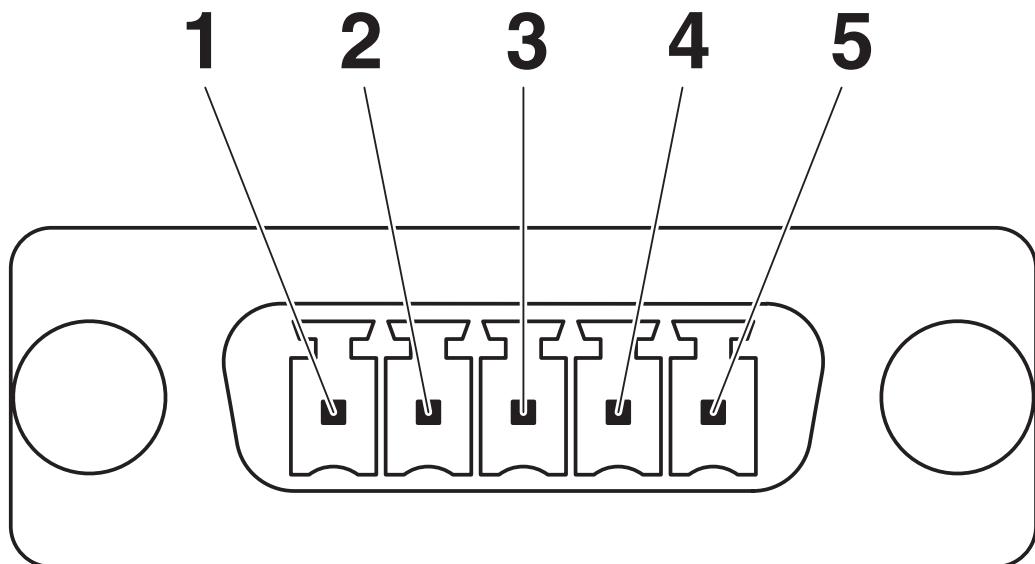
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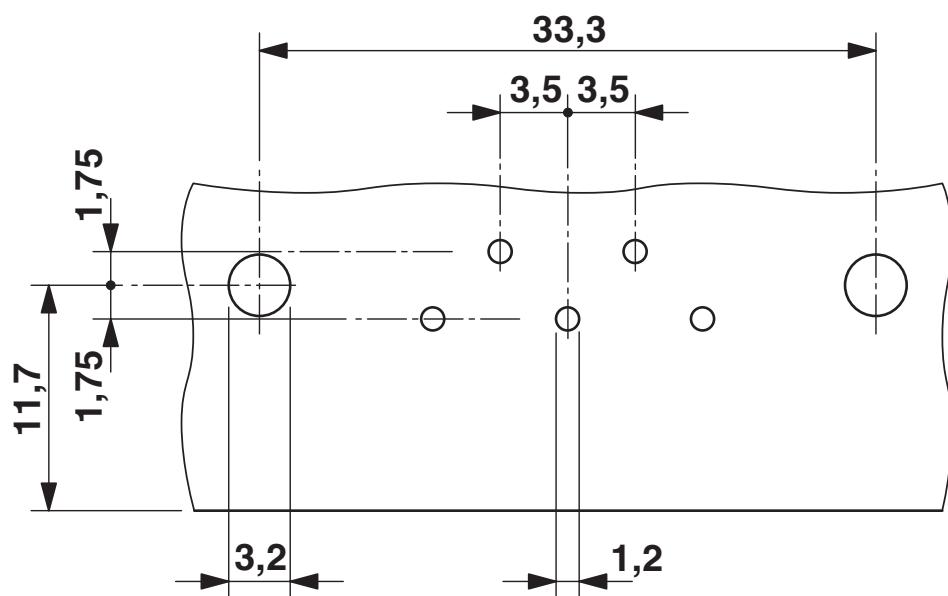


## Drawings

Schematic diagram



Drilling plan/solder pad geometry



Drilling diagram

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## Classifications

### ECLASS

ECLASS-13.0	27440302
ECLASS-15.0	27440323

### ETIM

ETIM 9.0	EC001132
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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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)