

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

1689323

<https://www.phoenixcontact.com/us/products/1689323>



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POWER-SUBCON header, for mounting side, 5-pos., with capacitive ground connection, shielded, color: green



## Commercial data

Item number	1689323
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB19
Product key	ABNCAB
GTIN	4017918893170
Weight per piece (including packing)	8.107 g
Weight per piece (excluding packing)	6.715 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
Application	leading PE contact
Type	D-SUB
Number of positions	5

### 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
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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
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### Environmental and real-life conditions

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## Ambient conditions

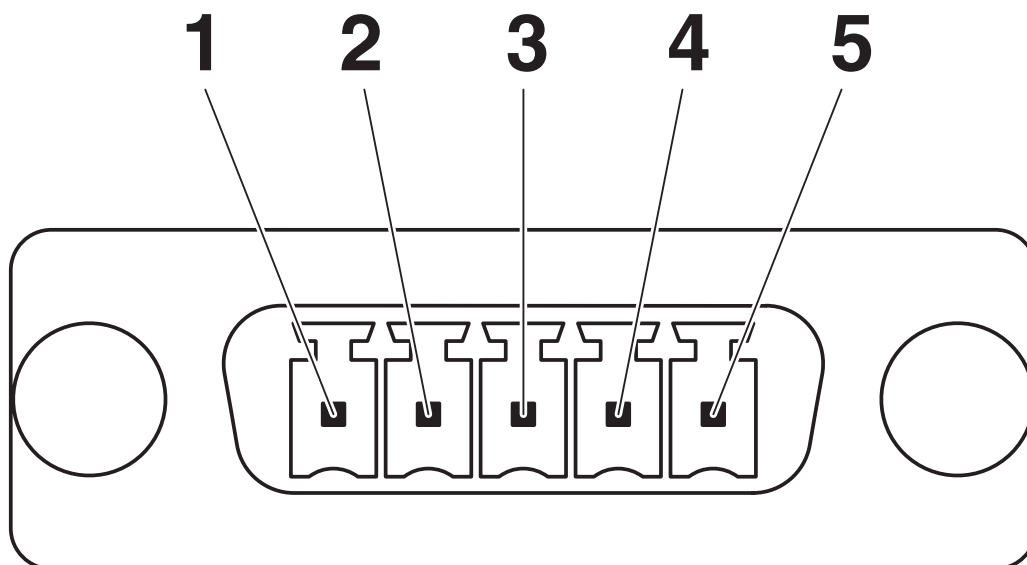
Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 80 °C

## Mounting

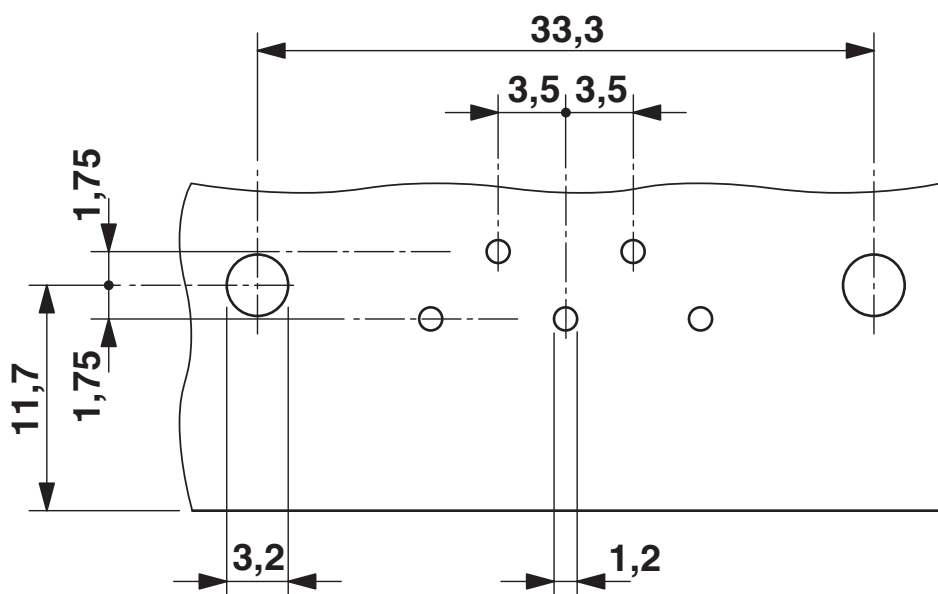
Mounting type	Threads
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## Drawings

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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