

# Data sheet

## SW063xxVBNN

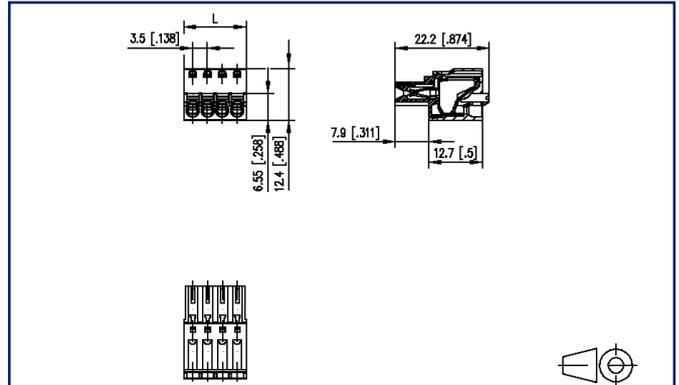
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P/N  
**SW063XXVBNN**  
 xx=number of poles  
 2025/08/27  
 Version: P

### Illustrations



Dimensional drawing as an example



See enlarged drawings at the end of document

### Product specification

- spring clamp terminal block, pluggable
- centerline 3.50 mm, direction of connection vertical 0°
- color black
- push-button, wire entry uncodeable side parallel to plug direction



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**Technical Data**

**General Data**

min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	1.9 mm		
Protection category	IP20		
Insul. strip length	9 mm		
Rated current	8 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	50 V	250 V	250 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV

**Terminal data**

rat.wiring solid AWGmax	0.08 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 28 - AWG 16		
rat.wiring strand.AWGmax	0.08 mm <sup>2</sup> - 1.5 mm <sup>2</sup> / AWG 28 - AWG 16		

**Approvals**

 V / A / AWG	150 / 8 / 28 - 16		
approval UL - File No.	E121004		
 *	130 V / 2.5 kV / 8 A		

**Material**

insulating material	PA66
flammability class	V0
spring material	Spring steel
contact material	CuSn
Contact surface	Sn
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13

**Climatic Data**

upper limit temperature	105 °C
lower limit temperature	-40 °C

**general**

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Tolerance ISO 2768 -mH

**Application note**

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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Version: P**Accessories**

<b>P/N</b>	<b>Designation</b>
700268-01-0	F_Kodier sw
700268-0132	F_Kodier sw
700268-0194	F_Kodier sw



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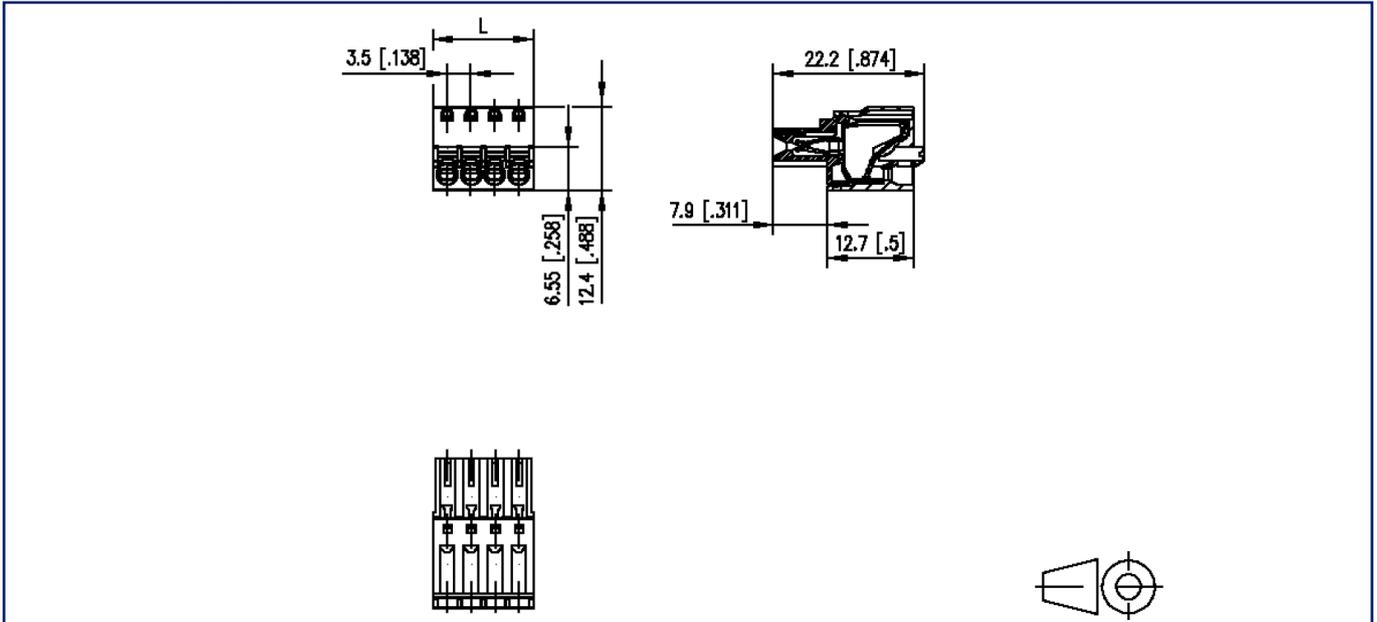
**P/N**  
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2025/08/27  
Version: P**Counterpart**

<b>P/N</b>	<b>Designation</b>
315231	PW063xxHBBN Type 523
315241	PW063xxVBBN Type 524
315271	PW063xxHBEC Type 527
315281	PW063xxVBEC Type 528



## Illustrations

Dimensional drawing as an example



$L = (\text{pole size} - 1) \times \text{centerline} + 4.3 \text{ mm} [0.169]$