

# Data sheet

## SP049xxVBNC ASP049

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P/N  
ASP049xx22

xx=number of poles

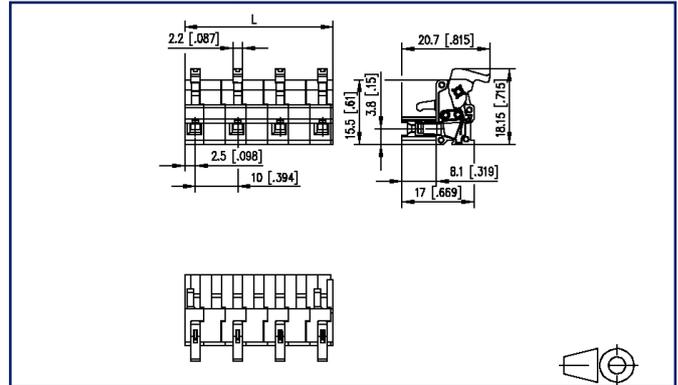
2025/08/25

Version: Y

### Illustrations



Dimensional drawing as an example



See enlarged drawings at the end of document

### Product specification

- spring clamp terminal block, pluggable
- centerline 10.00 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- eccentric lever, 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	12		
Insulating material class	CTI 400		
clearance/creepage dist.	9 mm		
Protection category	IP20		
Insul. strip length	4 mm		
Rated current	10 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	32 V	200 V	200 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 mm <sup>2</sup> / AWG 28 - AWG 16		

**Approvals**

 V / A / AWG	300 / 8 / 28 - 16		
approval UL - File No.	E121004		
	630 V / 6 kV / 10 A		

**Material**

insulating material	PA46
flammability class	V0
spring material	Spring steel
contact material	CuSn
Contact surface	Sn
Glow-Wire Flammability GWFI	-
Glow-Wire Flammability GWIT	-

**Climatic Data**

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

**general**

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## Technical Data

Tolerance	ISO 2768 -mH
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### 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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## Accessories

P/N	Designation
700025-01-9	Coding star white with a group of 6 coding pins



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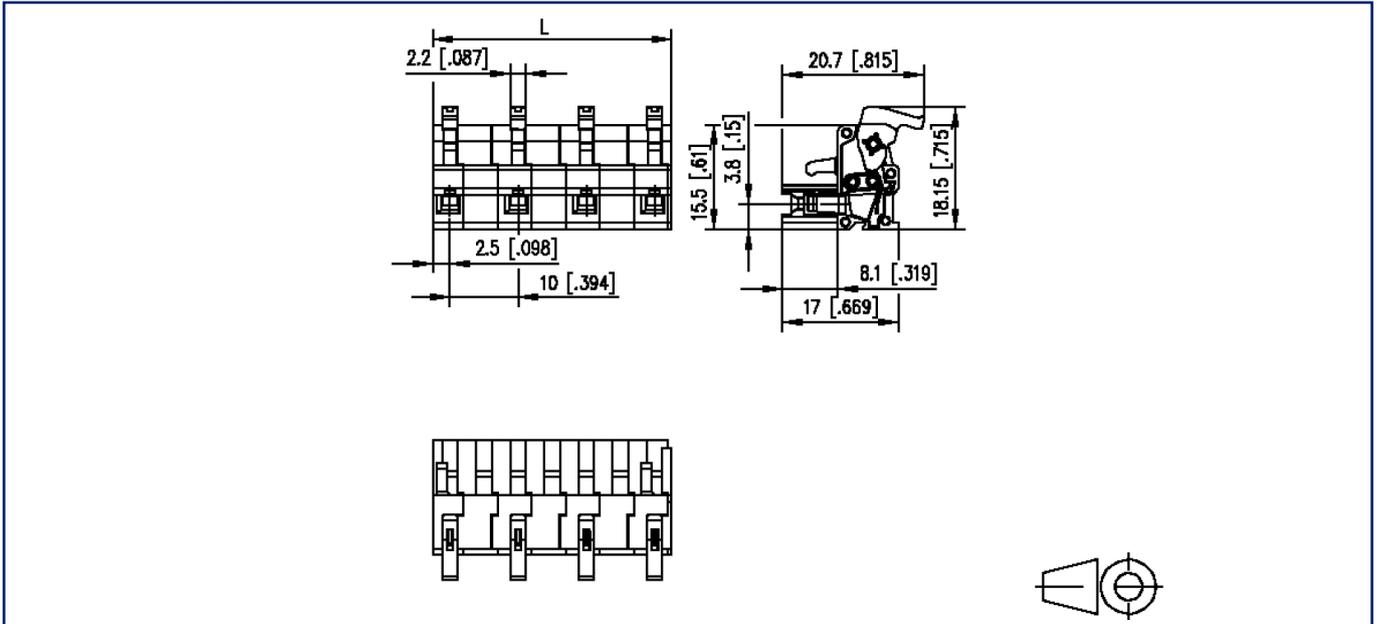
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### Counterpart

P/N	Designation
311762	PR069xxHBBN Typ 176
311772	PR069xxVBBN Typ 177
313192	PT119xxVBEC Typ 319
313202	PT119xxVBBN Type 320
313302	PT119xxHBBN Typ 330

### Illustrations

Dimensional drawing as an example



$$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm [0.197]}$$