

Data sheet

SP045xxVBNC ASP045

Page 1/6

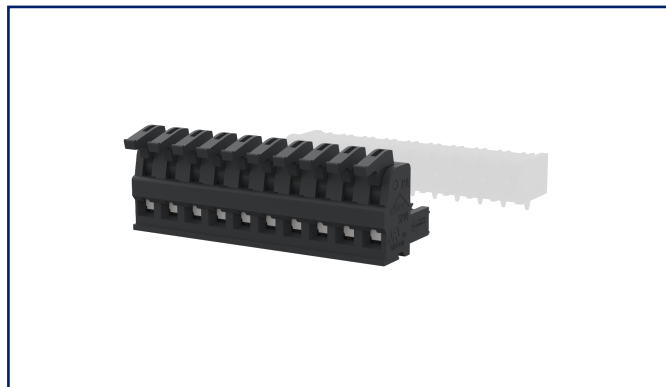
P/N

ASP0451022xx

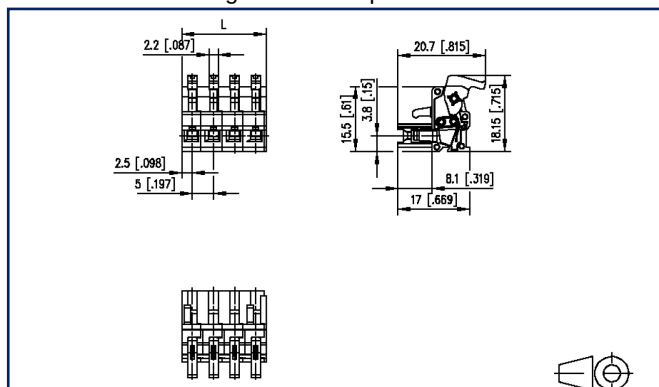
xx=number of poles

2025/07/29

Illustrations



Dimensional drawing as an example



See enlarged drawings at the end of document

Product specification

- spring clamp terminal block, pluggable
- centerline 5.00 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- eccentric lever, wire entry uncodeable side parallel to plug direction



Data sheet

SP045xxVBNC ASP045

Page 2/6

P/N
ASP0451022xx
xx=number of poles
2025/07/29

Technical Data

General Data			
pole size	10		
Insulating material class	CTI 400		
clearance/creepage dist.	4 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 mm² - 1.5 mm² / AWG 28 - AWG 16		
rat.wiring strand.AWGmax	0.08 mm² - 1.5 mm² / AWG 28 - AWG 16		
Approvals			
 V / A / AWG	300 / 10 / 28 - 16		
approval UL - File No.	E121004		
	250 V / 4 kV / 10 A		
Material			
insulating material	PA		
flammability class	V0		
spring material	Spring steel		
contact material	CuSn		
Contact surface	Sn		
Glow-Wire Flammability GWFI	850 °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			
Tolerance	ISO 2768 -mH		

Data sheet

Page 3/6

SP045xxVBNC ASP045

P/N

ASP0451022xx**xx=number of poles**

2025/07/29

Technical Data

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.).



Data sheet

Page 4/6

SP045xxVBNC ASP045

P/N

ASP0451022xx**xx=number of poles**

2025/07/29

Accessories

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



Data sheet

SP045xxVBNC ASP045

Page 5/6

P/N

ASP0451022xx

xx=number of poles

2025/07/29

Counterpart

P/N	Designation
311761	PR065xxHBBN Type 176
311771	PR065xxVBBN Type 177
312701	PT175xxVGDN Type 270
312741	PT165xxVGDN Type 274
312761	PT165xxHGDN Type 276
313191	PT115xxVBEC Typ 319
313201	PT115xxVBBN Type 320
313291	PT115xxHBEC Type 329
313301	PT115xxHBBN Type 330
313371	PR075xxHBEL Type 337
313381	PR075xxHBER Type 338
314761	PR065xxHBEC Type 476
314771	PR065xxVBEC Type 477



Data sheet

SP045xxVBNC ASP045

Page 6/6

P/N

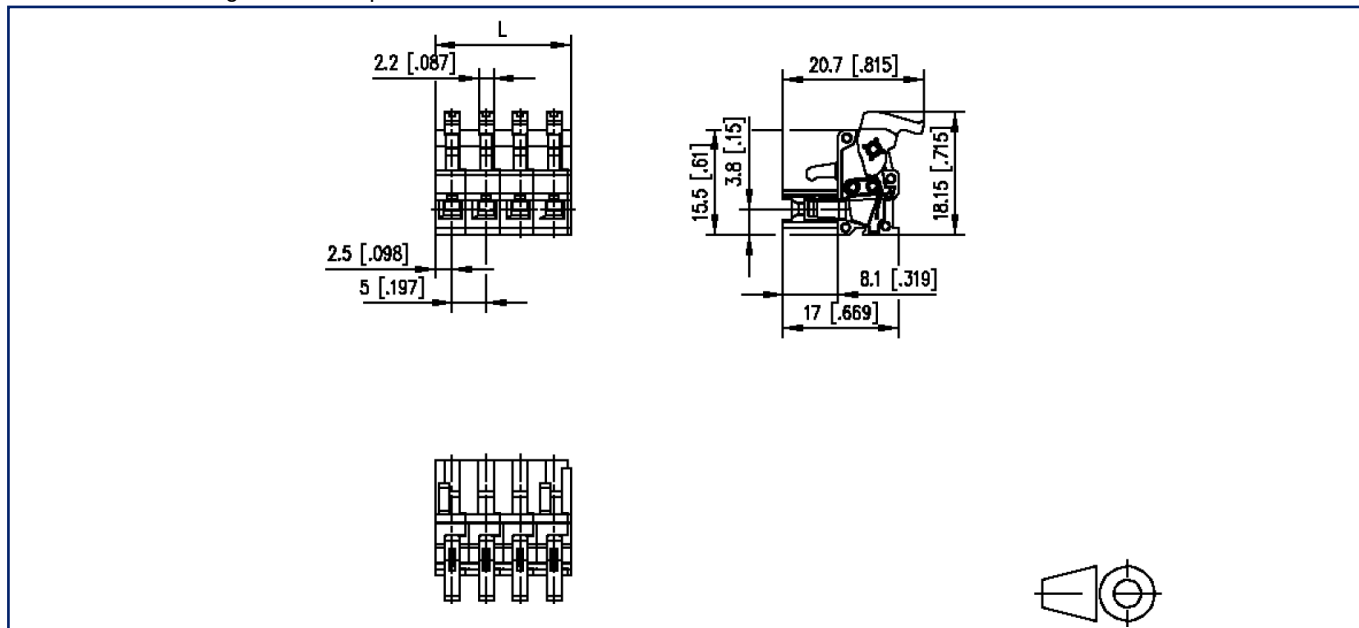
ASP0451022xx

xx=number of poles

2025/07/29

Illustrations

Dimensional drawing as an example



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

