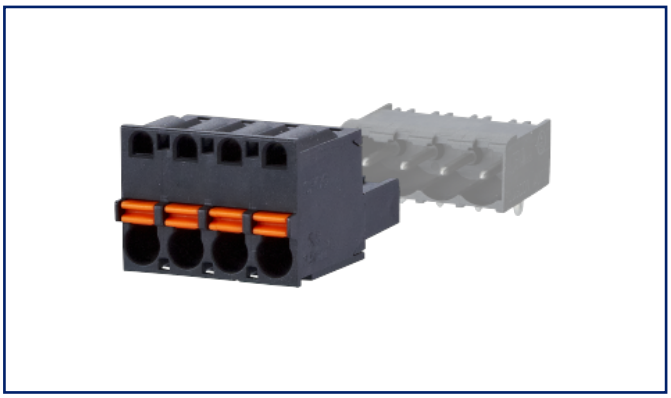
Data sheet
SP065xxVBNC

P/N
SP065XXVBNC
xx=number of poles
2026/11/23
Version: T

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
- push-button, wire entry uncodeable side parallel to plug direction

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Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com

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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.	3.5 mm		
Protection category	IP20		
Insul. strip length	10 mm		
Rated current	12 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	250 V	630 V	630 V
Rated test voltage	4 kV	4 kV	4 kV
Terminal data			
rat.wiring solid AWGmax	0.08 mm² - 2.5 mm² / AWG 28 - AWG 12		
rat.wiring strand.AWGmax	0.08 mm² - 2.5 mm² / AWG 28 - AWG 12		
Approvals			
V / A / AWG	300 / 12 / 28 - 12		
approval UL - File No.	E121004		
	250 V / 4 kV / 12 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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Technical Data

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.

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Accessories

P/N	Designation
700025-01-5	Kodierstern blau mit 6 Kodierstiften F_Kodier_blp
700025-01-9	Coding star white with a group of 6 coding pins
840020-02	Drahtbrücke 0.8 RM 5.0 Drahtbrücke 0.8 RM 5.0

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Counterpart

P/N	Designation
311761	PR065xxHBBN Type 176
311771	PR065xxVBBN Type 177
312701	PT175xxVGDN Type 270
312741	PT165xxVGDN Type 274
312761	PT165xxHGDN Type 276
312781	PT105xxVGDN Type 278
312801	PT105xxHGDN Type 280
313201	PT115xxVBBN Type 320
313291	PT115xxHBEC Type 329
313301	PT115xxHBBN (Type 330)
31330102	PT11502HBBN (Type 330)
31330103	PT11503HBBN (Type 330)
31330104	PT11504HBBN (Type 330)
31330105	PT11505HBBN (Type 330)
31330106	PT11506HBBN (Type 330)
31330107	PT11507HBBN (Type 330)
31330108	PT11508HBBN (Type 330)
31330109	PT11509HBBN (Type 330)
31330110	PT11510HBBN (Type 330)
31330112	PT11512HBBN (Type 330)
313371	PR075xxHBEL Type 337
313381	PR075xxHBER Type 338
314761	PR065xxHBEC Type 476
314771	PR065xxVBEC Type 477

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Illustrations

Dimensional drawing as an example



L=(pole size - 1) x centerline + 5 mm [0.197]

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