

Data sheet

RP023xxHBNF Type 165

Page 1/6

P/N

311651xx

xx=number of poles

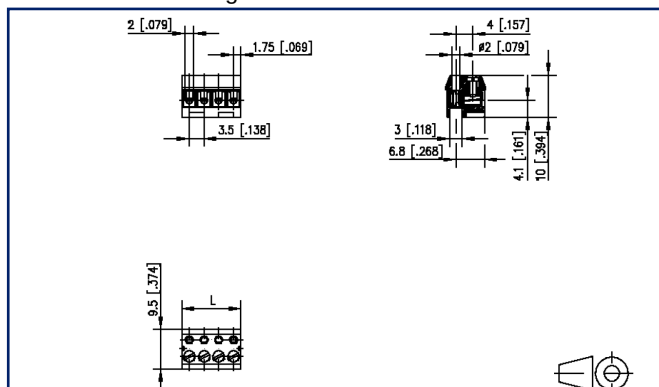
2023/03/21

Version: W

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- screw type terminal block, pluggable
- centerline 3.50 mm, direction of connection 90°
- wire protector, fittable without loss of poles
- color black



Data sheet

RP023xxHBNF Type 165

Page 2/6

P/N
311651xx

xx=number of poles

2023/03/21

Version: W

Technical Data

General Data			
Tightening torque SEV	0.15 Nm		
Tightening torque UL	1.3 lb-in		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	2 mm		
Protection category	IP00		
Min. insul. strip length	5 mm		
Rated current	6 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	32 V	250 V	250 V
Rated test voltage	1.5 kV	1.5 kV	1.5 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	125 / 10 / 28 - 16		
approval UL - File No.	E121004		
 1 mm²	200 V / 2.5 kV / 6 A		
Material			
insulating material	PA66		
flammability class	V0		
contact material	CuNiZn		
terminal body thread	M2		
terminal body material	CuZnPb		
terminal body surface	Ni		
screw thread	M2		
screw material	8,8		
screw surface	Zn Cr(VI)-frei/free		

U | Contact

Data sheet

RP023xxHBNF Type 165

Page 3/6

P/N

311651xx

xx=number of poles

2023/03/21

Version: W

Technical Data

wire protector material	CuNiZn
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
-----------	--------------

U | Contact

Data sheet

RP023xxHBNF Type 165

Page 4/6

P/N

311651xx

xx=number of poles

2023/03/21

Version: W

Accessories

P/N	Designation
720158-01-0	Befestigungsflansch kurz LP1mmfür Typ 165, 166 F_Befest_165_brg_kurz 1mm
720158-01-2	720158
720158-02-2	Mounting flange for type 166
720159-01-0	Kodierstift kurz für Typ 165, 166 F_Kodier_Typ165_brg_kurz
720159-01-2	Coding pin short for type 166
720159-02-0	Kodierstift lang für Typ 165, 166 F_Kodier_Typ165_brg_lang
720159-02-2	Coding pin long for type 166

U | Contact

Data sheet

RP023xxHBNF Type 165

Page 5/6

P/N

311651xx

xx=number of poles

2023/03/21

Version: W

Counterpart

P/N	Designation
310241	PR013xxVBHC Type 024

U | Contact

Data sheet

RP023xxHBNF Type 165

Page 6/6

P/N

311651xx

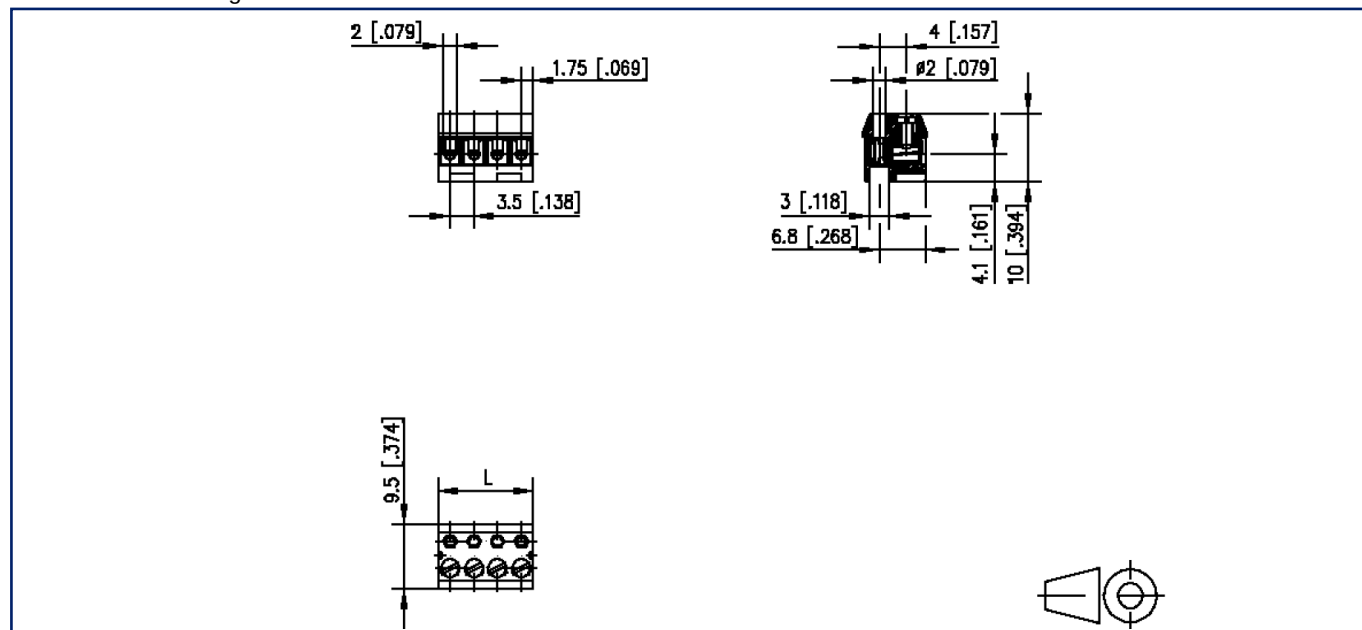
xx=number of poles

2023/03/21

Version: W

Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 3.5 \text{ mm} [0.138]$

