

Data sheet

RP023xxHBWC Typ 166

Page 1/6

P/N

311661xx

xx=number of poles

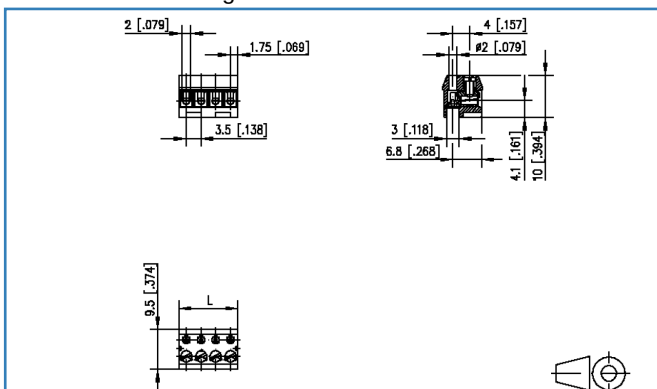
2019/10/28

Version: S

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
- Wire entry perpendicular to plug direction

Data sheet

RP023xxHBWC Typ 166

Page 2/6

P/N
311661xx

xx=number of poles

2019/10/28

Version: S

Technical Data

General Data

Tightening torque SEV	0.15 Nm		
Tightening torque UL	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		
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

Connection Data

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

Approvals

 V / A / AWG	125 / 8 / 28 - 16
approval UL - File No.	E121004
 1 mm ²	200 V / 2.5 kV / 6 A

Material

insulating material	PA66
flammability class	V0
contact material	CuNiZn
terminal body material	CuZn
terminal body surface	Ni
screw surface	Zn Cr(VI)-frei/free
wire protector material	CuNiZn
screw thread	M2
Glow-Wire Flammability GWFI	960 °C acc. to IEC 60695-2-12
Glow-Wire Flammability GWIT	775 °C acc. to IEC 60695-2-13
REACH - substance (SVHC)	Lead / 7439-92-1

Climatic Data

U | Contact

Data sheet RP023xxHBWC Typ 166

Page 3/6

P/N
311661xx

xx=number of poles

2019/10/28

Version: S

Technical Data

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

General

Tolerance	ISO 2768 -mH
-----------	--------------



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	720158
720159-01-0	Kodierstift kurz für Typ 165, 166 F_Kodier_Typ165_brg_kurz
720159-01-2	720159
720159-02-0	Kodierstift lang für Typ 165, 166 F_Kodier_Typ165_brg_lang
720159-02-2	720159

U | Contact

Data sheet RP023xxHBWC Typ 166

Page 5/6

P/N
311661xx

xx=number of poles

2019/10/28

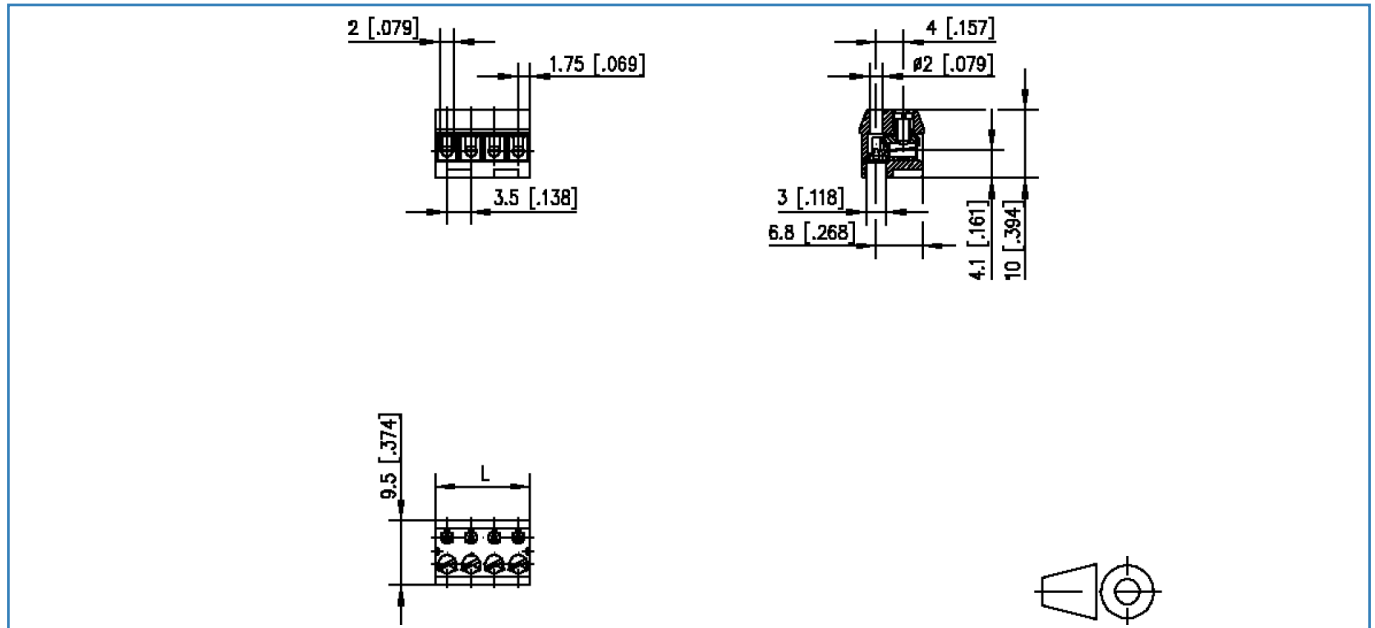
Version: S

Counterpart

P/N	Designation
312241	PR033xxVBHC Typ 224
312251	PT153xxHBEC Typ 225
312261	PT153xxVBEC Typ 226
313331	PT023xxHBHC
314241	PM013xxVBHC Typ 424

Illustrations

Dimensional drawing



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

© 2019 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

