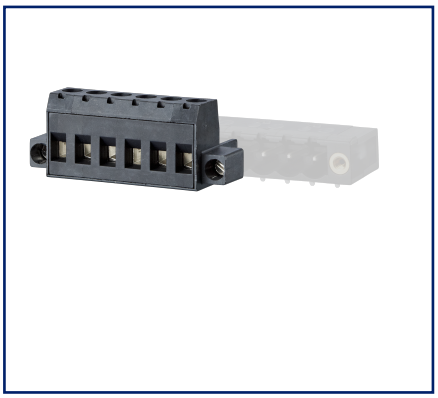
Data sheet

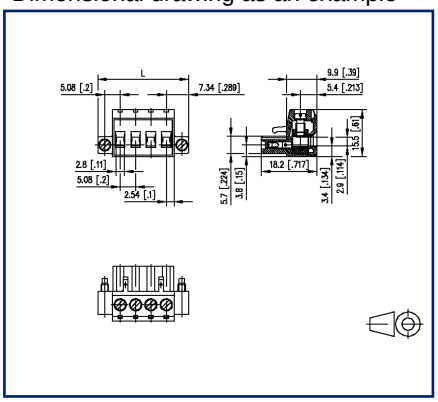
RP016xxVBLF Type 251

P/N
312511xx
xx=number of poles
2026/11/10
Version: Z

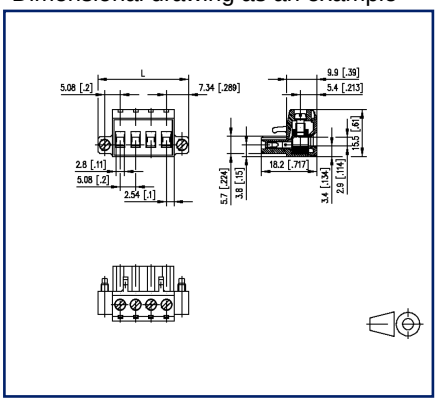
Illustrations



Dimensional drawing as an example



Dimensional drawing as an example



See enlarged drawings at the end of document

Product specification

- screw type terminal block, pluggable
- centerline 5.08 mm, direction of connection vertical 0°
- lift system
- color black, mounting flange
- wire entry codeable side perpendicular to plug direction

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Phone +49 7702 533-0 | Fax +49 7702 533-433 | info@metz-connect.com

P/N
312511xx
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2026/11/10
Version: Z

Technical Data

General Data			
Tightening torque SEV	0.5 Nm		
Tightening torque UL	4.4 lb-in		
min. number of poles	2		
max. number of poles	24		
Insulating material class	CTI 600		
clearance/creepage dist.	3.6 mm		
Protection category	IP20 with wire connected		
Insul. strip length	8 mm		
Rated current	12 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	160 V	400 V	400 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			
extended wiring UL	2 AWG 16-18, or 1 AWG 16 stranded with 1 AWG 18 solid, or 1 AWG 16 stranded with 1 AWG 18 stranded		
c UL us V / A / AWG	300 / 16 / 28 - 12		
approval UL - File No.	E121004		
SEV	320 V / 4 kV / 13.5 A		
Material			
insulating material	PA66		
flammability class	V0		
contact material	CuSn		
Contact surface	Sn		
terminal body thread	M3		
terminal body material	CuZnPb		
terminal body surface	Ni		

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Technical Data

screw thread	M3
screw material	8,8
screw surface	Zn Cr(VI)-frei/free
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	
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
700025-01-9	Coding star white with a group of 6 coding pins

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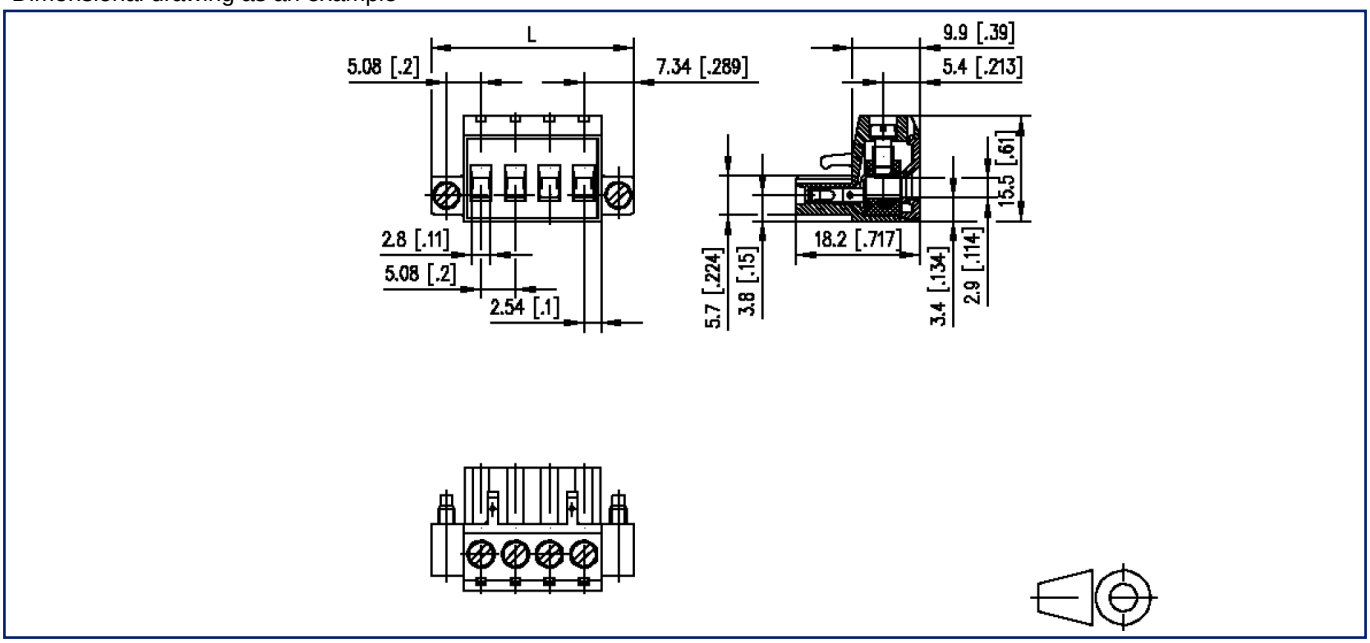
Counterpart

P/N	Designation
312351	PT116xxVBBF Type 235
312361	PT116xxHBBF Type 236
313981	PR066xxHBBF Type 398

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Illustrations

Dimensional drawing as an example



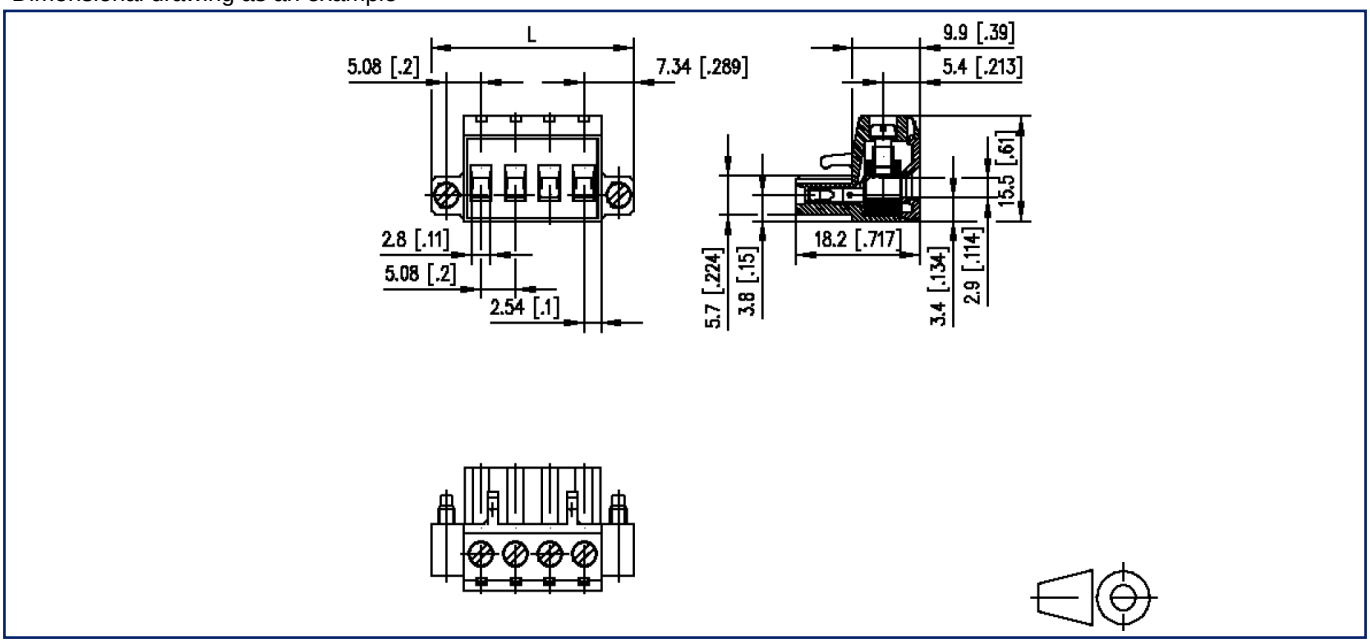
L=(pole size - 1) x centerline + 14.68 mm [0.578]

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Illustrations

Dimensional drawing as an example



L=(pole size - 1) x centerline + 14.68 mm [0.578]

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