Data sheet

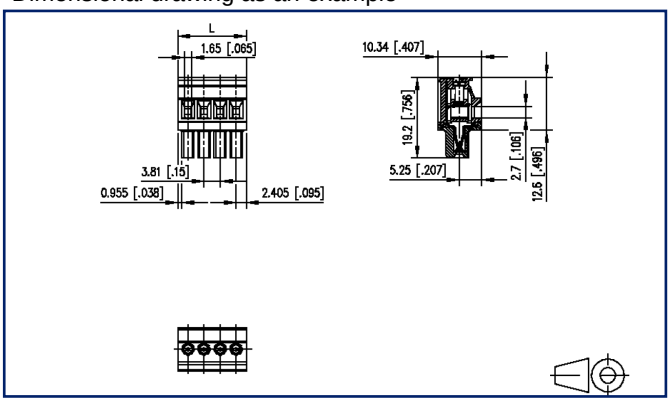
RP034xxHBLN Type 114

P/N
311141xx
xx=number of poles
2026/11/10
Version: Z

Illustrations



Dimensional drawing as an example



See enlarged drawings at the end of document

Product specification

- screw type terminal block, pluggable
- centerline 3.81 mm, direction of connection 90°
- lift system
- color black
- wire entry uncodeable side perpendicular to plug direction
- discontinued as of December 31, 2026

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

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P/N
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Technical Data

General Data			
Tightening torque SEV	0.25 Nm		
Tightening torque UL	2.2 lb-in		
min. number of poles	2		
max. number of poles	21		
Insulating material class	CTI 600		
clearance/creepage dist.	2.9 mm		
Protection category	IP20 with wire connected		
Insul. strip length	7 mm		
Rated current	9 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	40 V	250 V	250 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV
Terminal data			
rat.wiring solid AWGmax	0.08 mm² - 2 mm² / AWG 28 - AWG 14		
rat.wiring strand.AWGmax	0.08 mm² - 1.5 mm² / AWG 28 - AWG 16		
Approvals			
extended wiring UL	Wire range extended to 14 AWG solid only.		
c UL us V / A / AWG	300 / 11 / 28 - 16		
approval UL - File No.	E121004		
SEV	160 V / 2.5 kV / 9 A		
Material			
insulating material	PA66		
flammability class	V0		
contact material	CuSn		
Contact surface	Sn		
terminal body thread	M2		
terminal body material	CuZnPb		
terminal body surface	Ni		
screw thread	M2		

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Technical Data

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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Counterpart

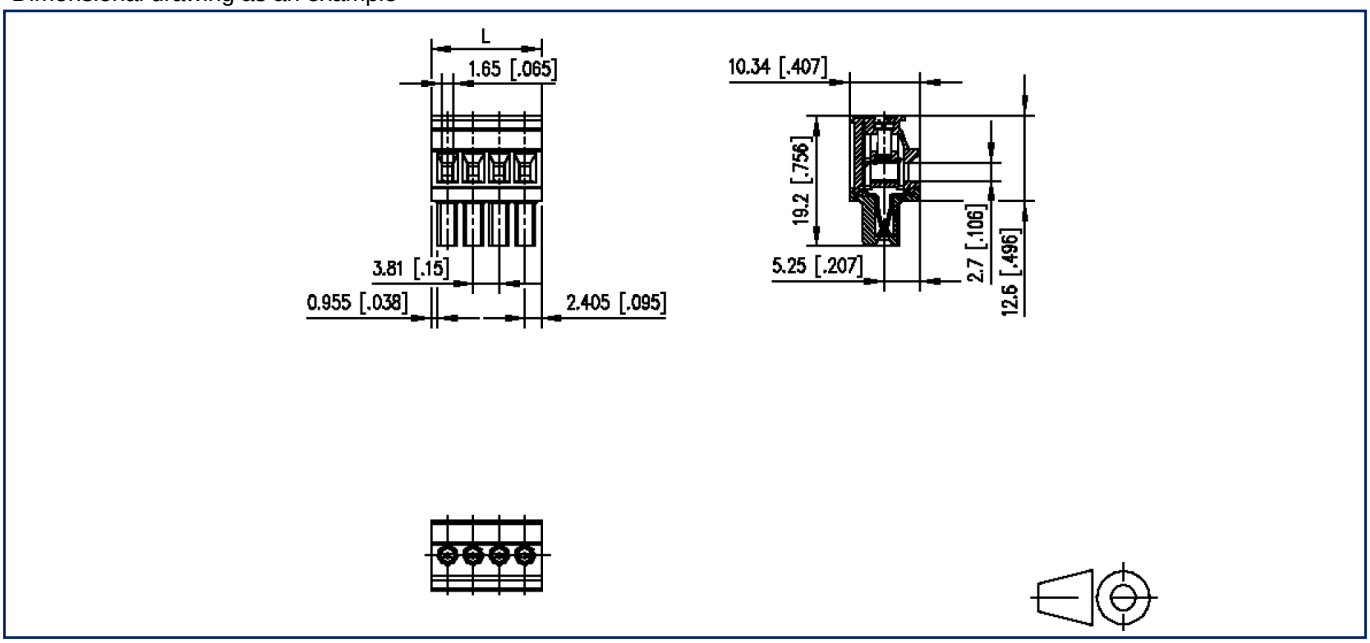
P/N	Designation
311901	PR044xxHBBN Type 190
311911	PR044xxVBBN Type 191
313821	PT094xxHBBN Type 382
313831	PT094xxVBBN Type 383

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Illustrations

Dimensional drawing as an example



L=(pole size - 1) x centerline + 4.81 mm [0.189]

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