

Data sheet

RP034xxHBLN Typ 114

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P/N

311141xx

xx=number of poles

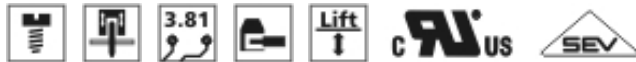
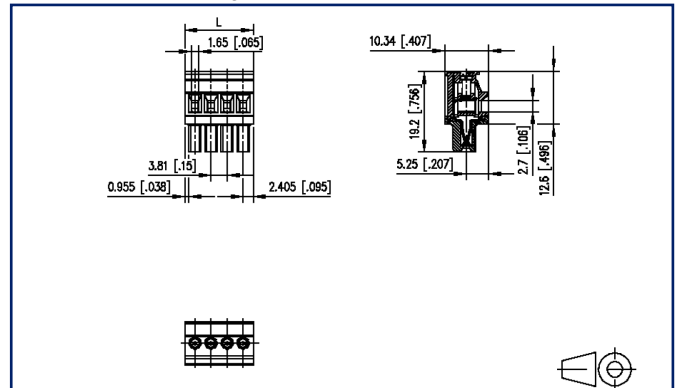
2022/04/05

Version: Q

Illustrations



Dimensional drawing





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



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		
Min. 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	1.5 kV	1.5 kV	1.5 kV
Terminal data			
rat.wiring solid AWGmax	0.08 mm ² - 2 mm ² / AWG 28 - AWG 14		
rat.wiring strand.AWGmax	0.08 mm ² - 1.5 mm ² / AWG 28 - AWG 16		
Approvals			
extended wiring UL	Wire range extended to 14 AWG solid only.		
 V / A / AWG	300 / 11 / 28 - 16		
approval UL - File No.	E121004		
 1.5 mm ²	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		
screw material	8,8		
screw surface	Zn Cr(VI)-frei/free		

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Technical Data

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	compliant
REACH - substance (SVHC)	Lead / 7439-92-1

Climatic Data

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

general

Tolerance	ISO 2768 -mH
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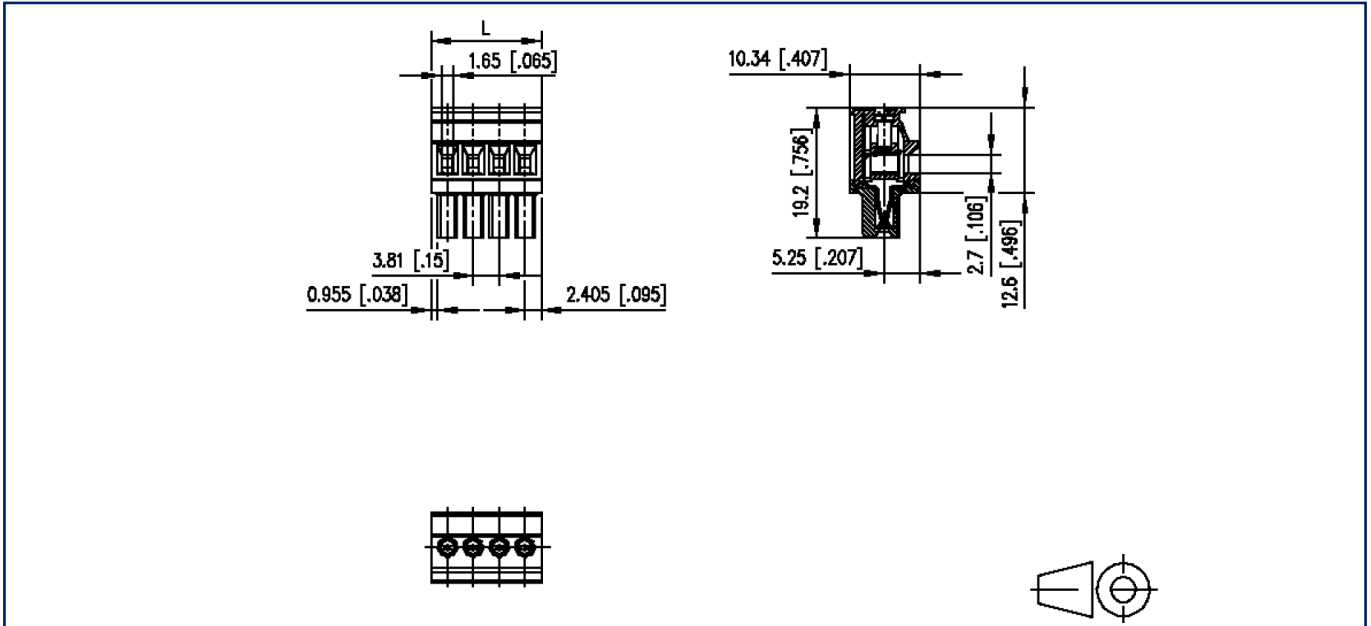
Counterpart

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



Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 4.81 \text{ mm} [0.189]$