

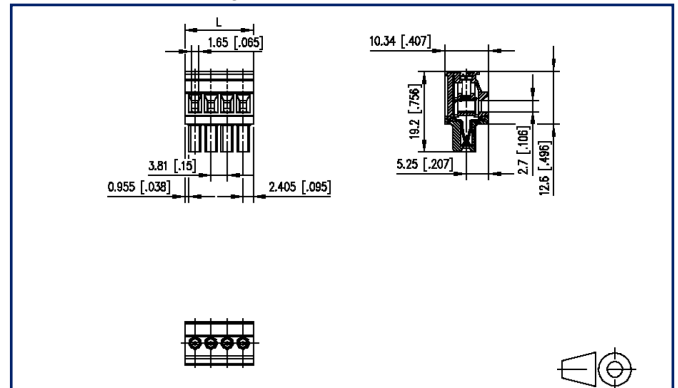
Data sheet

RP034xxHBLN Type 114

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 | | |

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xx=number of poles

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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 |
|-----------|--------------|

U | Contact

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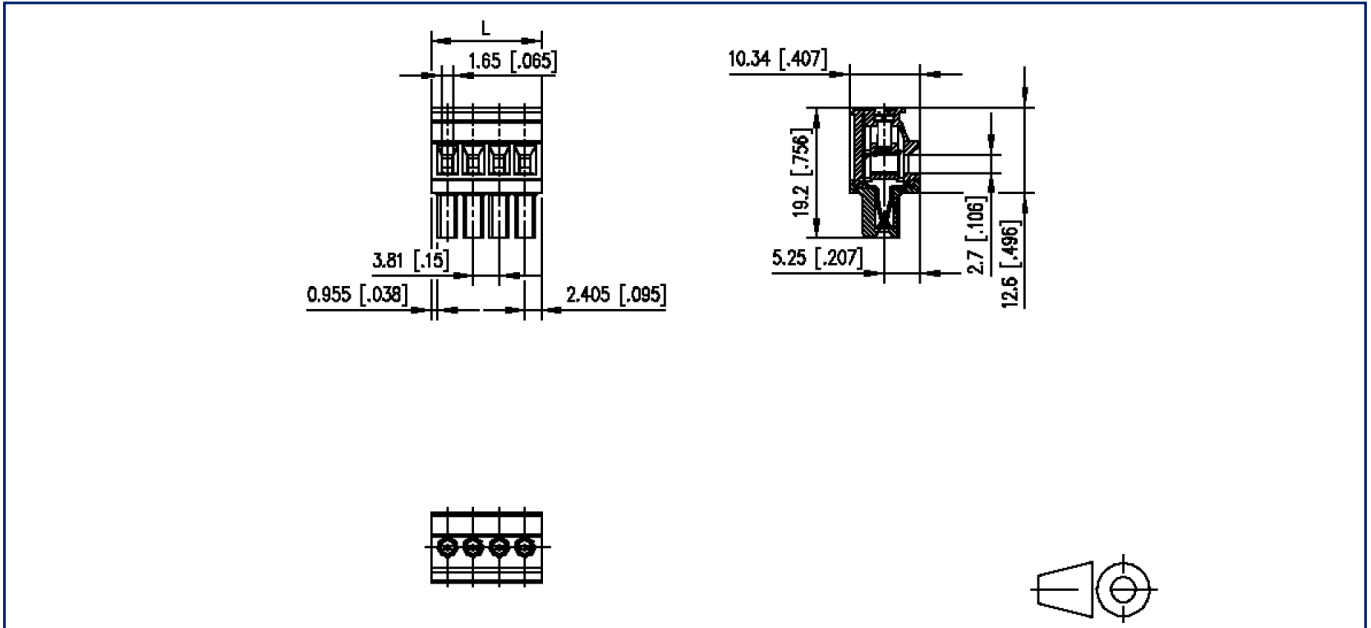
Version: U

Counterpart

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

Illustrations

Dimensional drawing



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