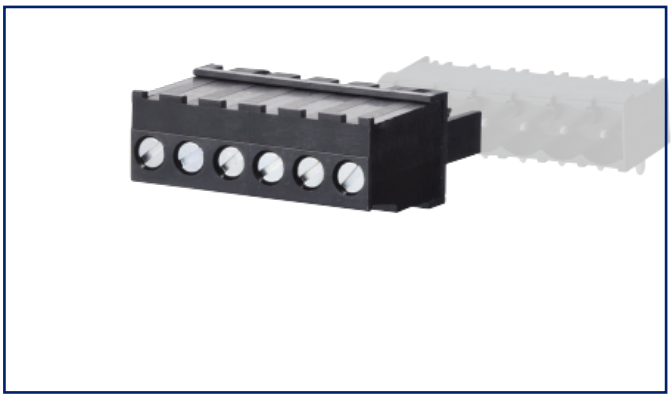
# Data sheet

## RP035xxHBLC Type 313

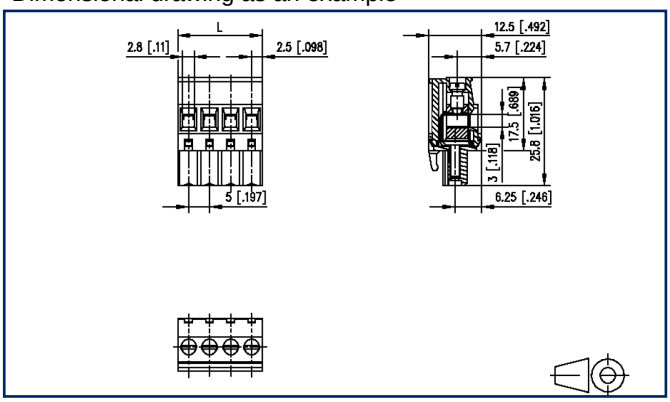


**P/N**
**313131xx**
**xx=number of poles**
2026/11/11
Version: AA

## Illustrations



Dimensional drawing as an example




See enlarged drawings at the end of document

## Product specification

- screw type terminal block, pluggable
- centerline 5.00 mm, direction of connection 90°
- lift system, fittable without loss of poles
- color black
- wire entry uncodeable side perpendicular to plug direction

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

**P/N**
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## 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. | 3.2 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

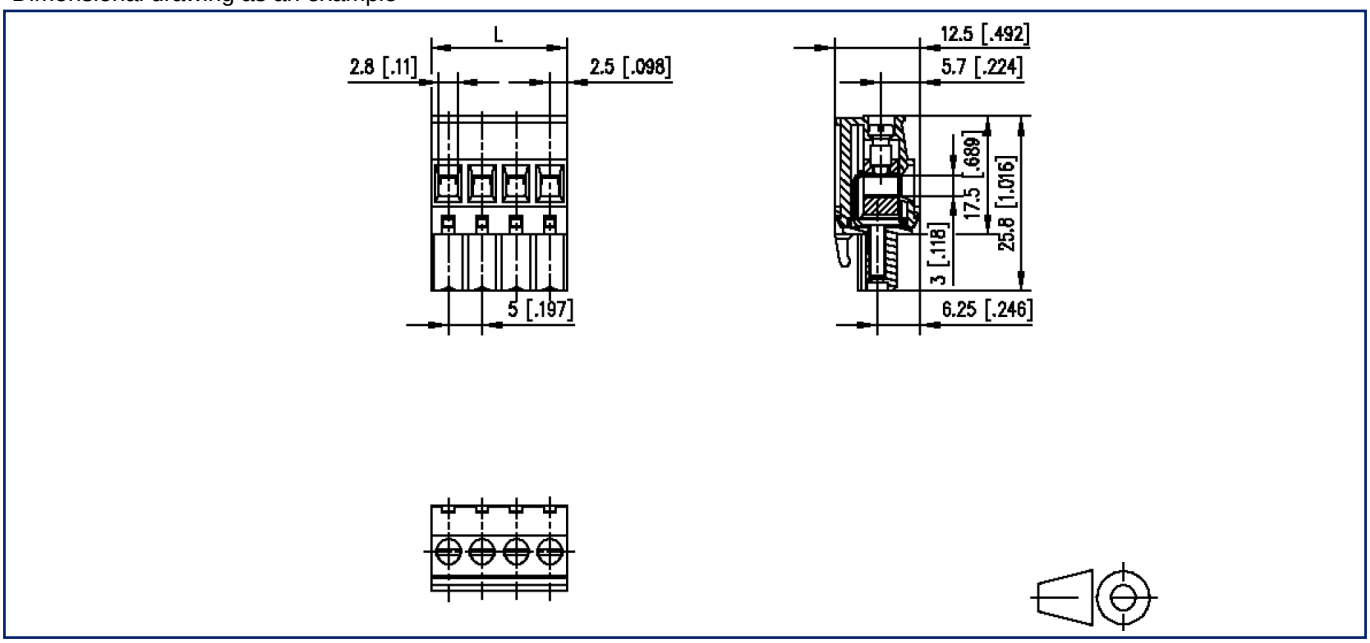
| P/N | Designation |
|---|---|
| 311761 | PR065xxHBBN Type 176 |
| 311771 | PR065xxVBBN Type 177 |
| 313191 | PT115xxVBEC Typ 319 |
| 313201 | PT115xxVBBN Type 320 |
| 313291 | PT115xxHBEC Type 329 |
| 313301 | PT115xxHBBN (Type 330) |
| 31330102 | PT11502HBBN (Type 330) |
| 31330103 | PT11503HBBN (Type 330) |
| 31330104 | PT11504HBBN (Type 330) |
| 31330105 | PT11505HBBN (Type 330) |
| 31330106 | PT11506HBBN (Type 330) |
| 31330107 | PT11507HBBN (Type 330) |
| 31330108 | PT11508HBBN (Type 330) |
| 31330109 | PT11509HBBN (Type 330) |
| 31330110 | PT11510HBBN (Type 330) |
| 31330112 | PT11512HBBN (Type 330) |
| 313371 | PR075xxHBEL Type 337 |
| 313381 | PR075xxHBER Type 338 |
| 314761 | PR065xxHBEC Type 476 |
| 314771 | PR065xxVBEC Type 477 |

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## Illustrations

Dimensional drawing as an example




L=(pole size - 1) x centerline + 5 mm [0.197]

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