

# U | Contact

## Data sheet

RP035xxIBLN Typ 013

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P/N  
310131xx

xx=number of poles

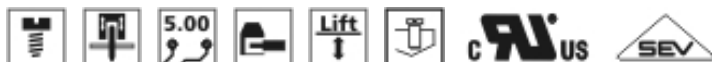
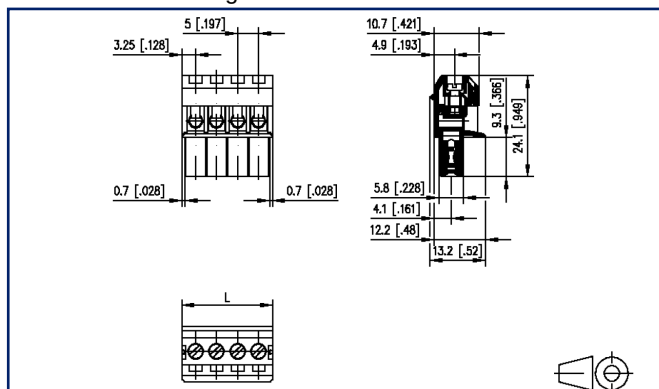
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## Illustrations



Dimensional drawing



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
- color black
- wire entry uncodeable side perpendicular to plug direction, lamella



## 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.  | 3.4 mm    |        |        |
| Protection category       | IP20      |        |        |
| Min. insul. strip length  | 7 mm      |        |        |
| Rated current             | 10 A      |        |        |
| Overvoltage category      | III       | III    | II     |
| Pollution degree          | 3         | 2      | 2      |
| Rated voltage             | 160 V     | 400 V  | 400 V  |
| Rated test voltage        | 2.5 kV    | 2.5 kV | 2.5 kV |

### Terminal data

|                          |                                                              |
|--------------------------|--------------------------------------------------------------|
| rat.wiring solid AWGmax  | 0.33 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 22 - AWG 12 |
| rat.wiring strand.AWGmax | 0.33 mm <sup>2</sup> - 2.5 mm <sup>2</sup> / AWG 22 - AWG 12 |

### Approvals

|                                                                                                         |                       |
|---------------------------------------------------------------------------------------------------------|-----------------------|
|  V / A / AWG         | 300 / 15 / 22 - 12    |
| approval UL - File No.                                                                                  | E121004               |
|  2.5 mm <sup>2</sup> | 320 V / 4 kV / 13.5 A |

### Material

|                         |                     |
|-------------------------|---------------------|
| insulating material     | PA66                |
| flammability class      | V0                  |
| contact material        | CuBe                |
| Contact surface         | Ni + Ag             |
| terminal body thread    | M3                  |
| terminal body material  | CuZnPb              |
| terminal body surface   | Ni                  |
| screw thread            | M3                  |
| screw material          | 8,8                 |
| screw surface           | Zn Cr(VI)-frei/free |
| wire protector material | CuNiZn              |

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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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## Accessories

| P/N    | Designation |
|--------|-------------|
| 360176 | 360176      |

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## Counterpart

| P/N    | Designation         |
|--------|---------------------|
| 310191 | PT045xxVBEC Typ 019 |
| 310201 | PT045xxVBBN Typ 020 |
| 310291 | PT045xxHBEC Typ 029 |
| 310301 | PT045xxHBBN Typ 030 |
| 310311 | PT045xxHBVC Typ 031 |
| 310321 | PT045xxHBVN Typ 032 |

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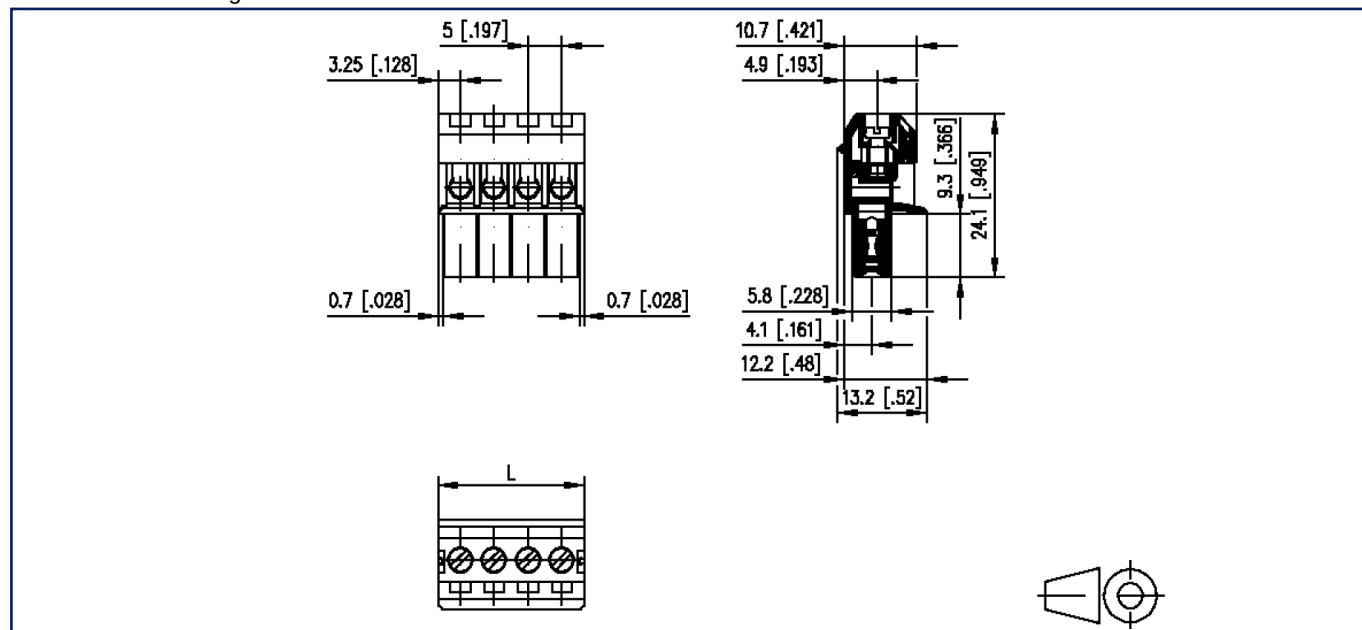
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## Illustrations

Dimensional drawing



$L = (\text{pole size} - 1) \times \text{centerline} + 6.5 \text{ mm} [0.256]$

