

Data sheet

RP015xxWBWC Type 009

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P/N

310091xx

xx=number of poles

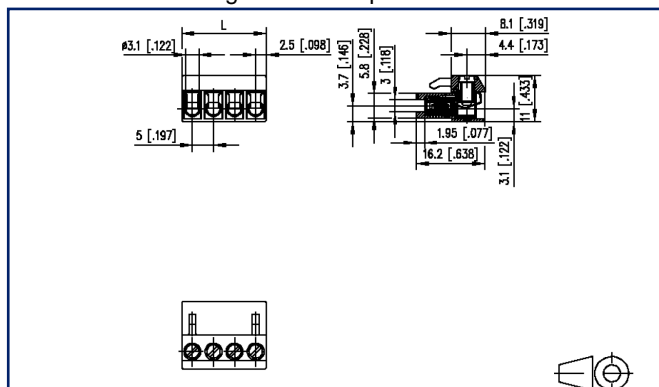
2025/04/16

Version: X

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 vertical 0°
- wire protector, fittable without loss of poles
- color black
- wire entry uncodeable side parallel to plug direction, lamella



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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 | 21 | | |
| Insulating material class | CTI 600 | | |
| clearance/creepage dist. | 1.9 mm | | |
| Protection category | IP20 | | |
| Insul. strip length | 6 mm | | |
| Rated current | 10 A | | |
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Rated voltage | 100 V | 320 V | 320 V |
| Rated test voltage | 2.5 kV | 2.5 kV | 2.5 kV |

Terminal data

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

Approvals

| | |
|--------------------|---|
| extended wiring UL | Wire range extended to No. 30 AWG for factory-wiring. Two same size wires No. 22-18 AWG Cu Sol/Str for field-wiring; No. 30-18 Cu Sol/Str factory-wiring. |
|--------------------|---|

 V / A / AWG

300 / 15 / 22 - 12

approval UL - File No.

E121004

 2.5 mm²

250 V / 2.5 kV / 10 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 |

Technical Data

| | |
|-----------------------------|-------------------------------|
| screw thread | M3 |
| screw material | 8,8 |
| screw surface | Zn Cr(VI)-frei/free |
| wire protector material | CuSn |
| wire protector surface | Sn |
| 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. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

U | Contact

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Accessories

| P/N | Designation |
|--------|--------------------|
| 716906 | Coding comb orange |



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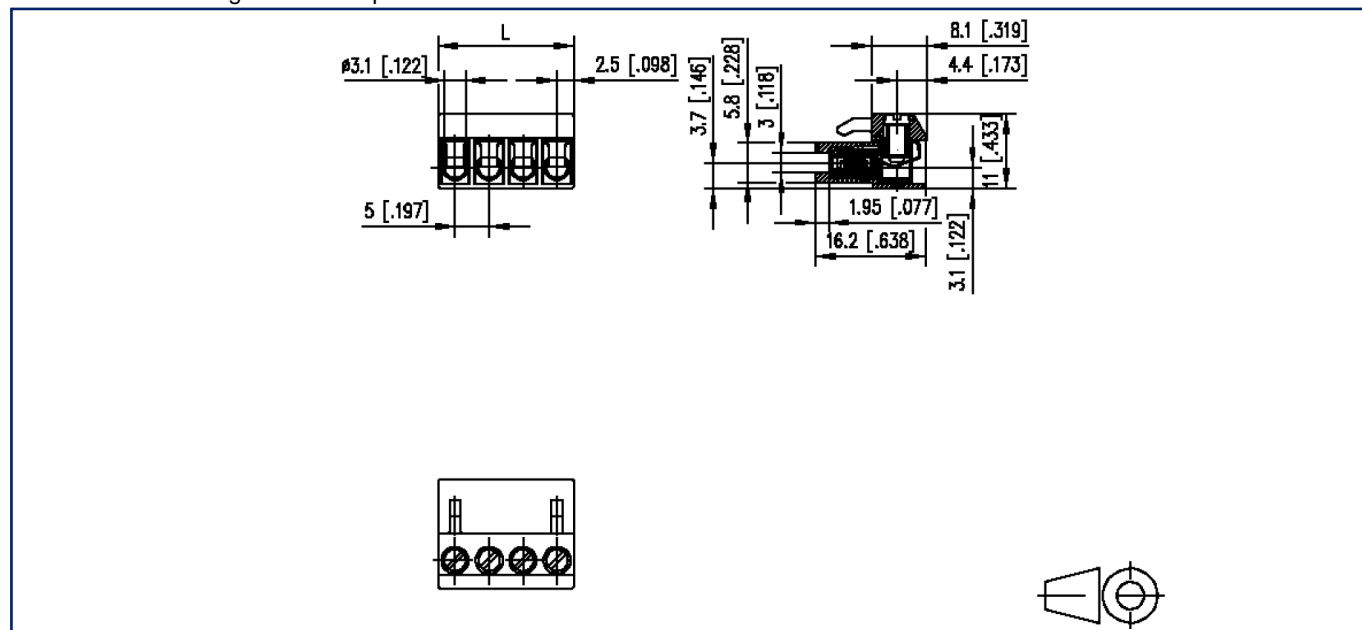
Counterpart

| P/N | Designation |
|--------|----------------------|
| 310191 | PT045xxVBEC Type 019 |
| 310201 | PT045xxVBBN Type 020 |
| 310291 | PT045xxHBEC Type 029 |
| 310301 | PT045xxHBBN Type 030 |



Illustrations

Dimensional drawing as an example



$L = (\text{pole size} - 1) \times \text{centerline} + 5 \text{ mm [0.197]}$