# Data sheet

## SP02503HDNC ASP0250304-001



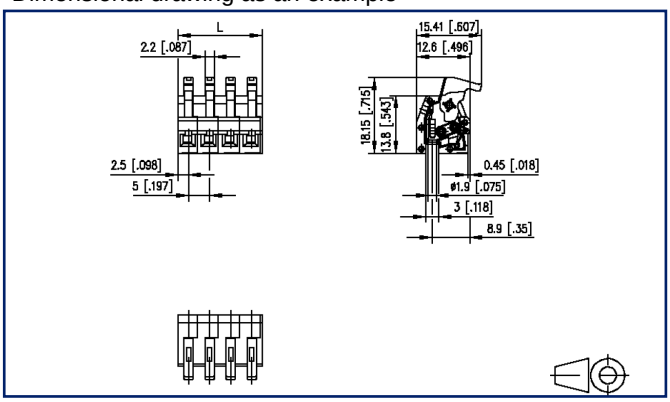
**P/N**
**ASP0250304-001**

2026/11/16
Version: E

## Illustrations



Dimensional drawing as an example




See enlarged drawings at the end of document

## Product specification

- ethernet-capable spring clamp terminal block with eccentric lever, pluggable
- centerline 5.00 mm, direction of connection 90°
- fittable without loss of poles
- color gray, color coding for conductor colors according to SPE (white/blue/S)

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

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## Technical Data

| | | | |
|---|---|---|---|
| **General Data** | | | |
| pole size | 3 | | |
| Insulating material class | CTI 600 | | |
| clearance/creepage dist. | 3.7 mm | | |
| Protection category | IP20 | | |
| Insul. strip length | 4 mm | | |
| Rated current | 10 A | | |
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Rated voltage | 40 V | 250 V | 250 V |
| Rated test voltage | 2.5 kV | 2.5 kV | 2.5 kV |
| **Terminal data** | | | |
| rat.wiring solid AWGmax | 0.08 mm² - 1.5 mm² / AWG 28 - AWG 16 | | |
| rat.wiring strand.AWGmax | 0.08 mm² - 0.75 mm² / AWG 28 - AWG 18 | | |
| **Approvals** | | | |
| c UL us V / A / AWG | 300 / 8 / 28 - 16 | | |
| approval UL - File No. | E121004 | | |
| SEV | 250 V / 4 kV / 10 A | | |

| | |
|---|---|
| **Transmission characteristics** | |
| Data transmission according to IEEE 802.3cg | 10 Mbit/s up to 1.000 m STP |
| Data transmission according to IEEE 802.3bp | 1GBit/s up to 15 m UTP<br>1GBit/s up to 40 m STP |
| Power transmission | PoDL, IEEE 802.3bu 60 W |
| **Material** | |
| insulating material | PPA |
| flammability class | V0 |
| spring material | Spring steel |
| contact material | CuSn |
| Contact surface | Sn |
| Glow-Wire Flammability GWFI | 850 °C acc. to IEC 60695-2-12 |

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## Technical Data

| | |
|---|---|
| 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 |
|---|---|
| 720036-01-4 | Mounting flange gray for type ASP025 |
| 720036-02-2 | Mounting flange black for type ASP025 |

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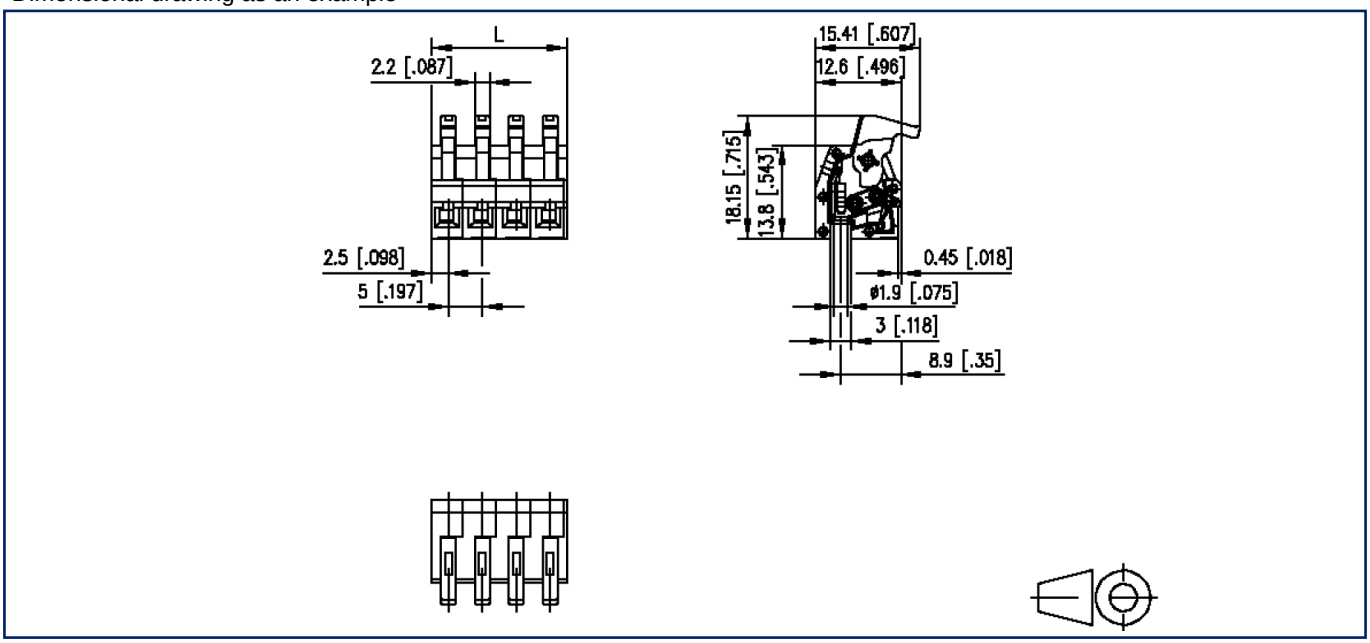
## Counterpart

| P/N | Designation |
|---|---|
| 310171 | PR015xxVBHC Type 017 |
| 31017103 | PR01503VBHC Type 017 |
| 310411 | PT065xxVBEN Type 041 |
| 31041103 | PT06503VBEN (Type 041), 3-pole |
| 314171 | PM035xxVBHC (Type 417) |
| 3141710322 | PM03503VBHC (Type 417) |

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## Illustrations

Dimensional drawing as an example




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

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