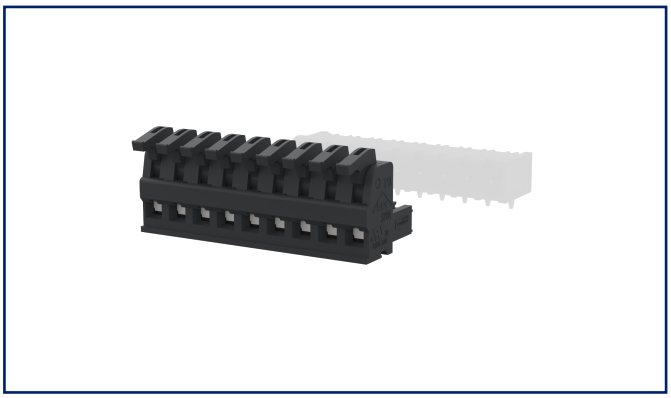
# Data sheet
## SP04509VBNC ASP045



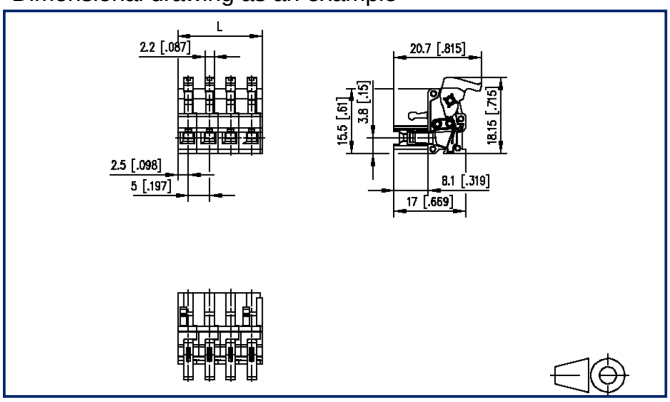
**P/N**
**ASP0450922**

2026/11/16
Version: A

## Illustrations



Dimensional drawing as an example




See enlarged drawings at the end of document

## Product specification

- spring clamp terminal block, pluggable
- centerline 5.00 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- eccentric lever, wire entry uncodeable side parallel to plug direction

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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 | 9 | | |
| Insulating material class | CTI 400 | | |
| clearance/creepage dist. | 4 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 | 32 V | 200 V | 200 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 - 1.5 mm² / AWG 28 - AWG 16 | | |
| **Approvals** | | | |
| c UL us V / A / AWG | 300 / 10 / 28 - 16 | | |
| approval UL - File No. | E121004 | | |
| SEV | 250 V / 4 kV / 10 A | | |
| **Material** | | | |
| insulating material | PA | | |
| 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 | | |
| 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 | | |

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## Technical Data

### 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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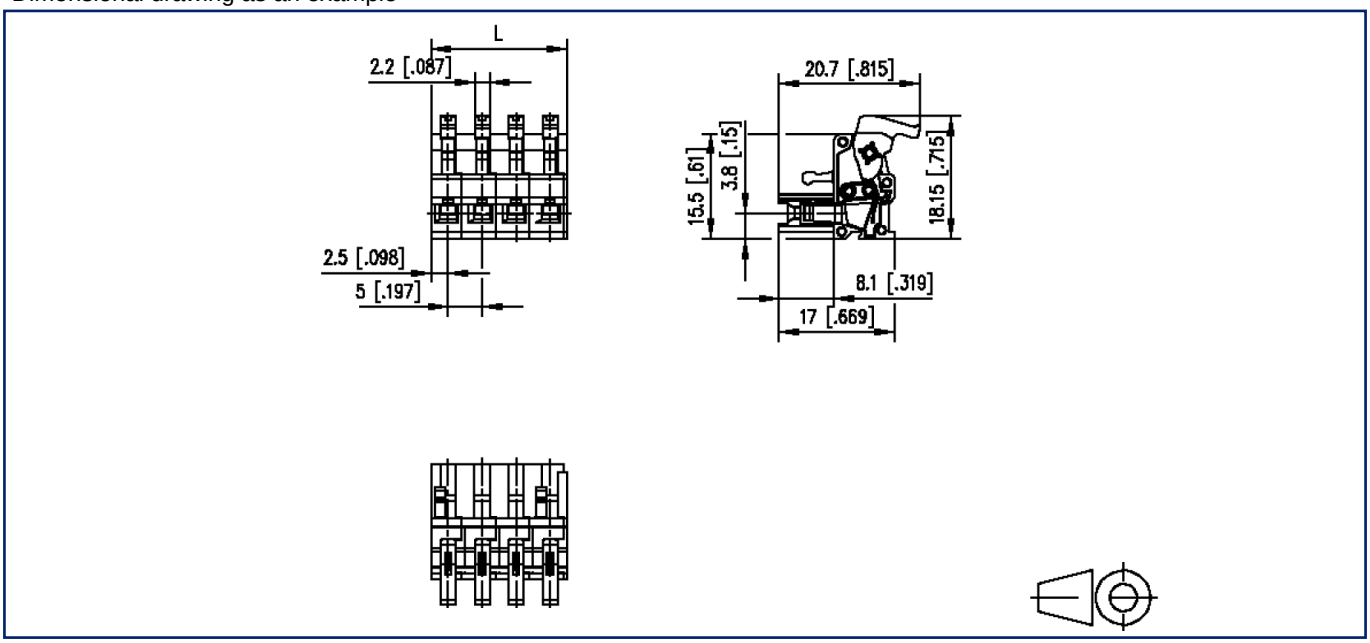
## Counterpart

| P/N | Designation |
|---|---|
| 311761 | PR065xxHBBN Type 176 |
| 311771 | PR065xxVBBN Type 177 |
| 312701 | PT175xxVGDN Type 270 |
| 312741 | PT165xxVGDN Type 274 |
| 312761 | PT165xxHGDN Type 276 |
| 313191 | PT115xxVBEC Typ 319 |
| 313201 | PT115xxVBBN Type 320 |
| 313291 | PT115xxHBEC Type 329 |
| 313301 | PT115xxHBBN (Type 330) |
| 31330109 | PT11509HBBN (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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