

# ZB 6,LGS:L1-N,PE - Marker for terminal blocks



1051414

<https://www.phoenixcontact.com/us/products/1051414>

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Marker for terminal blocks, Strip, white (RAL 9010), labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: latching, for terminal block width: 6.2 mm, Number of individual labels: 10, text field height: 10.5 mm, text field width: 6.15 mm

The figure shows the version ZB 6:UNBEDRUCKT

## Your advantages

- Labeling service: Phoenix Contact can custom-label all zack marker strip markers according to your requirements
- The ZB zack marker strip system is a marking solution for modular terminal blocks and electronics modules with tall marker grooves

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1051414       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG05          |
| Product key                          | BG2122        |
| GTIN                                 | 4017918016111 |
| Weight per piece (including packing) | 1.6 g         |
| Weight per piece (excluding packing) | 1 g           |
| Customs tariff number                | 49119900      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|              |                 |
|--------------|-----------------|
| Product type | Terminal marker |
| Pitch        | 6.2 mm          |

### Marking

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| Number of individual labels         | 10                                   |
| Number of individual labels per row | 10                                   |
| Number of marker strips             | 10                                   |
| Printing direction                  | horizontal                           |
| Printing                            | L1, L2, L3, N, PE, L1, L2, L3, N, PE |
| Slot type                           | high                                 |

### Dimensions

|        |          |
|--------|----------|
| Width  | 6.15 mm  |
| Height | 10.50 mm |
| Depth  | 4.20 mm  |
| Pitch  | 6.2 mm   |

### Text field

|                   |         |
|-------------------|---------|
| Text field width  | 6.15 mm |
| Text field height | 10.5 mm |

### Material specifications

|  |                                |
|--|--------------------------------|
| Color                                  | white (RAL 9010)               |
| Material                               | PA                             |
| Flammability rating according to UL 94 | V2                             |
| Base element material                  | PA                             |
| Components                             | free from silicone and halogen |

### Environmental and real-life conditions

#### Ambient conditions

|   |   |
|---|---|
| Ambient temperature (operation)                     | -40 °C ... 100 °C   |
| Recommended ambient temperature (storage/transport) | 23 °C   |
| Recommended humidity (storage/transport)            | 50 % (Storage in a dry and dark place in the original packaging is recommended) |

#### Test for substances that would hinder coating with paint or varnish

|   |                      |
|---|----------------------|
| Testing for paint wetting impairment substances (LABS-conformity) | VW PV 3.10.7:2005-02 |
| Result  | Test passed          |

#### Scratch resistance

|               |                                |
|---------------|--------------------------------|
| Specification | EN ISO 1518-1:2023 (following) |
|---------------|--------------------------------|

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|              |             |
|--------------|-------------|
| Requirements | ≥ 5 N       |
| Result       | Test passed |

## Tesafilm test

|               |                                     |
|---------------|-------------------------------------|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result        | Test passed                         |

## UV resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result        | Test passed                           |
| Test duration | 96 h                                  |
| Procedure     | Artificial irradiation.               |

## Temperature storage

|                         |                       |
|-------------------------|-----------------------|
| Specification           | IEC 60068-2-2:2007-07 |
| Result                  | Test passed           |
| Procedure               | Test Bb               |
| Duration                | 96 h                  |
| Temperature for testing | 120 °C                |

## Wipe resistance of inscriptions

|   |  |
|---|--|
| Specification                                   | DIN EN 61010-1 (VDE 0411-01):2020-03<br>DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropanol (99%) [67-63-0]                     | Test passed  |
| n-Hexane<br>[CAS No. 110-54-3]                  | Test passed  |
| Water + Petroleum ether<br>[CAS No. 64742-82-1] | Test passed  |

## Testing in a condensation changing climate in the presence of sulfur dioxide

|               |                      |
|---------------|----------------------|
| Specification | EN ISO 22479:2022-06 |
| Result        | Test passed          |
| Procedure     | Method B             |
| Cycles        | 2                    |

## Salt spray test

|               |   |
|---------------|---|
| Specification | DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10 |
| Result        | Test passed                                   |
| Test duration | 96 h  |

## Standards and regulations

|                 |                             |
|-----------------|-----------------------------|
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
|-----------------|-----------------------------|

## Mounting

|               |          |
|---------------|----------|
| Mounting type | latching |
|---------------|----------|

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## Drawings

Schematic diagram



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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281101 |
| ECLASS-15.0 | 27281101 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000761 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131500 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.003 kg CO2e |
|---------|---------------|

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