

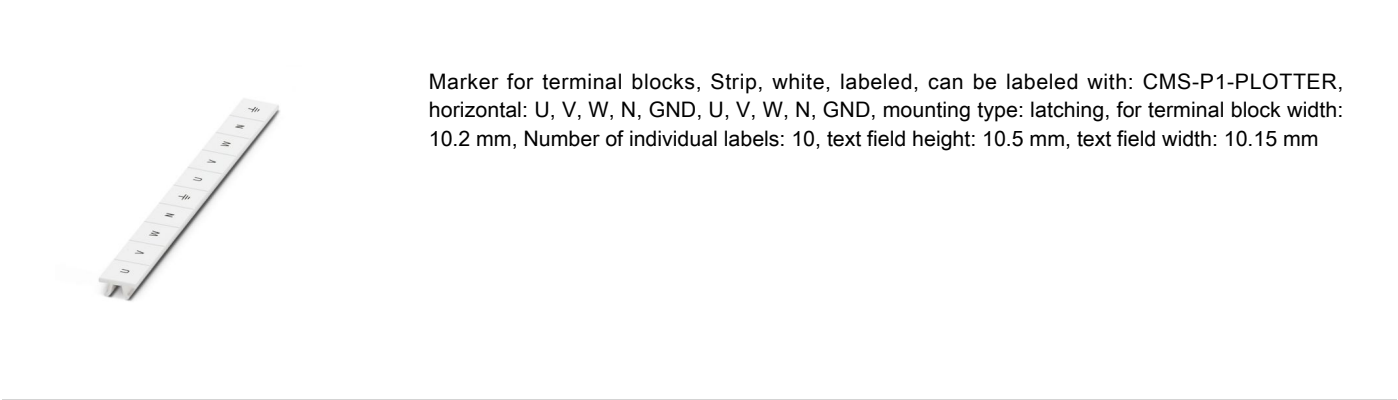
# ZB10,LGS:U-N - Marker for terminal blocks



1053438

<https://www.phoenixcontact.com/us/products/1053438>

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Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: U, V, W, N, GND, U, V, W, N, GND, mounting type: latching, for terminal block width: 10.2 mm, Number of individual labels: 10, text field height: 10.5 mm, text field width: 10.15 mm

## 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                          | 1053438       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG05          |
| Product key                          | BG2122        |
| GTIN                                 | 4017918016890 |
| Weight per piece (including packing) | 2.52 g        |
| Weight per piece (excluding packing) | 2.101 g       |
| Customs tariff number                | 49119900      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|         |                                                             |
|---------|-------------------------------------------------------------|
| General | 10 identically marked strips make up one packing unit (PU). |
|---------|-------------------------------------------------------------|

### Product properties

|              |               |
|--------------|---------------|
| Product type | Klemmenmarker |
| Pitch        | 10.2 mm       |

### Marking

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Number of individual labels         | 10                               |
| Number of individual labels per row | 10                               |
| Number of marker strips             | 10                               |
| Printing direction                  | horizontal                       |
| Printing                            | U, V, W, N, GND, U, V, W, N, GND |

### Dimensions

|        |          |
|--------|----------|
| Width  | 10.15 mm |
| Height | 10.50 mm |
| Depth  | 4.20 mm  |
| Pitch  | 10.2 mm  |

### Material specifications

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

### Environmental and real-life conditions

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

|               |                                |
|---------------|--------------------------------|
| Result        | Test passed                    |
| Specification | EN ISO 1518-1:2023 (following) |
| 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.               |
| Specification | IEC 60068-2-2:2007-07                 |

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|                         |             |
|-------------------------|-------------|
| 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) |
| Isopropyl<br>[CAS No. 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                                          |

## 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) |
| Shelf life                                          | 2 years                                                                         |

## Standards and regulations

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

## Mounting

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

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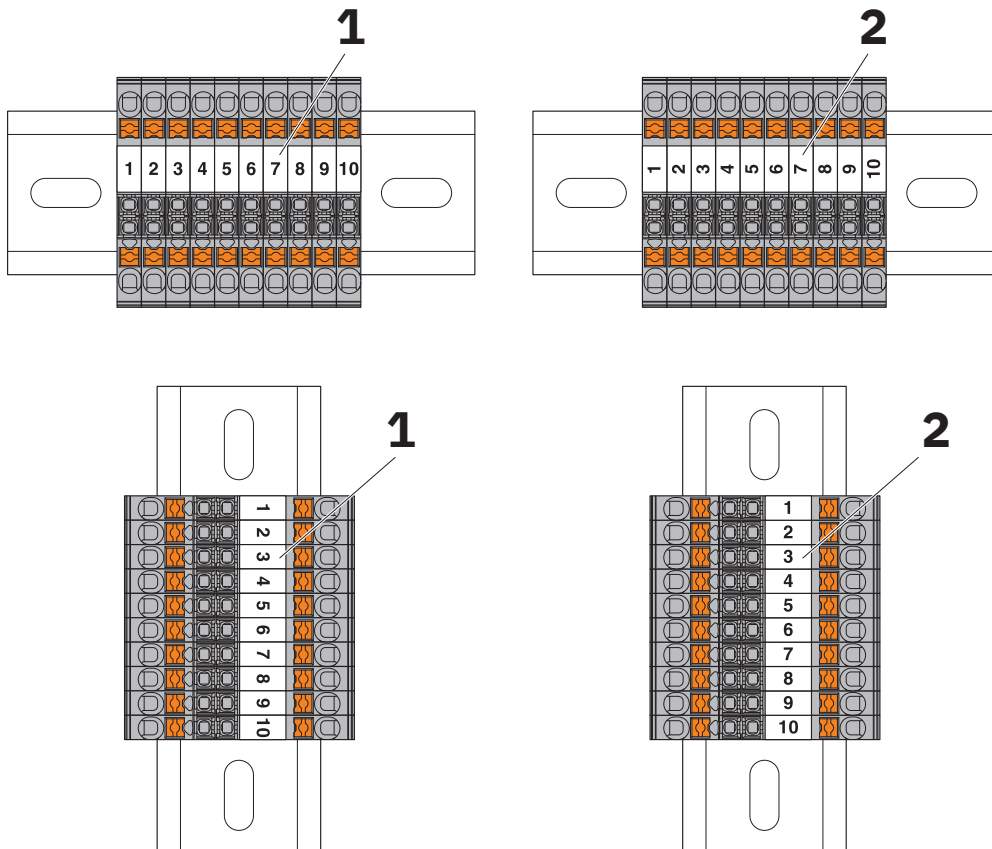
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## Drawings

Schematic diagram



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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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% |
| EF3.0 Climate Change                    |                            |
| CO2e kg                                 | 0.02 kg CO2e               |

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