

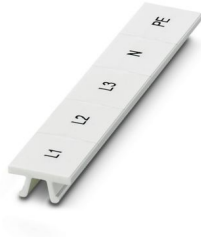
ZB 12,LGS:L1-N,PE - Zack marker strip



0812146

<https://www.phoenixcontact.com/us/products/0812146>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Zack marker strip, Strip, white (RAL 9010), labeled, printed horizontally: L1, L2, L3, N, PE, mounting type: latching, for terminal block width: 12.2 mm, Number of individual labels: 5, text field height: 10.5 mm, text field width: 12.15 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 | 0812146 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Sales key | BG05 |
| Product key | BG2122 |
| GTIN | 4017918939649 |
| Weight per piece (including packing) | 1.57 g |
| Weight per piece (excluding packing) | 1.54 g |
| Customs tariff number | 49119900 |
| Country of origin | DE |

Technical data

Product properties

| | |
|--------------|-----------------|
| Product type | Terminal marker |
| Pitch | 12.2 mm |

Marking

| | |
|-------------------------------------|----------------------|
| Number of individual labels | 5 |
| Number of individual labels per row | 5 |
| Number of marker strips | 5 |
| Printing direction | printed horizontally |
| Printing | L1, L2, L3, N, PE |
| Slot type | high |

Dimensions

| | |
|--------|----------|
| Width | 12.15 mm |
| Height | 10.50 mm |
| Depth | 4.20 mm |
| Pitch | 12.2 mm |

Text field

| | |
|-------------------|----------|
| Text field width | 12.15 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 % |

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) |
| Requirements | ≥ 5 N |

ZB 12,LGS:L1-N,PE - Zack marker strip



0812146

<https://www.phoenixcontact.com/us/products/0812146>

| | |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

Tesa film 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 DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropanol (99%) [67-63-0] | Test passed |
| n-Hexane [CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether [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 |
|---------------|----------|

ZB 12,LGS:L1-N,PE - Zack marker strip

0812146

<https://www.phoenixcontact.com/us/products/0812146>

Drawings

Schematic diagram



ZB 12,LGS:L1-N,PE - Zack marker strip



0812146

<https://www.phoenixcontact.com/us/products/0812146>

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

ZB 12,LGS:L1-N,PE - Zack marker strip



0812146

<https://www.phoenixcontact.com/us/products/0812146>

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 | 0.012 kg CO2e |
|---------|---------------|

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com