

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



1053438

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

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.



Marker for terminal blocks, Strip, white (RAL 9010), 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

1053438

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

Technical data

Product properties

Product type	Terminal marker
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
Slot type	high

Dimensions

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

Text field

Text field width	10.15 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

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



1053438

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

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
---------------	----------

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

1053438

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



Drawings

Schematic diagram



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



1053438

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

Classifications

ECLASS

ECLASS-13.0	27281101
ECLASS-15.0	27281101

ETIM

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

UNSPSC

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

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



1053438

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

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	0.02 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