

UC1-TMF 4 GN CUS - Marker for terminal blocks

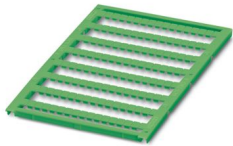


0828337

<https://www.phoenixcontact.com/us/products/0828337>

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, can be ordered: by sheet, green (RAL 6021), labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 4.2 mm, Number of individual labels: 120



Your advantages

- The UC1-TMF ... UniCard labeling range includes markers for Weidmüller, Wago, ABB (entrelec), Conta-Clip, and Klemsan terminal blocks
- The multi-section marking strips are easy to fit and can be easily separated if required
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications
- The markers support multi-line labeling
- The sheets provide space for including function texts

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 0828337 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Product key | BG8117 |
| GTIN | 4046356485203 |
| Weight per piece (including packing) | 6.69 g |
| Weight per piece (excluding packing) | 6.19 g |
| Country of origin | PL |

UC1-TMF 4 GN CUS - Marker for terminal blocks



0828337

<https://www.phoenixcontact.com/us/products/0828337>

Technical data

Product properties

| | |
|--------------|-----------------|
| Product type | Terminal marker |
| Pitch | 4.2 mm |

Marking

| | |
|-------------------------------------|-------------------|
| Number of individual labels | 120 |
| Number of individual labels per row | 15 |
| Slot type | flat |
| Identification technology | UV LED technology |

Dimensions

| | |
|--------|---------|
| Width | 3.45 mm |
| Height | 5.20 mm |
| Depth | 2.20 mm |
| Pitch | 4.2 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | green (RAL 6021) |
| Material | PA |
| Flammability rating according to UL 94 | V2 |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 2 |
| Fire protection for rail vehicles (DIN EN 45545-2) R23 | HL 1 - HL 2 |
| Fire protection for rail vehicles (DIN EN 45545-2) R24 | HL 1 - HL 2 |
| Components | free from silicone and halogen |

Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 120 °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) | VDMA 24364-A1-L:2018-05 |
| Result | Test passed |

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) |
|---------------|--------------------------------|

UC1-TMF 4 GN CUS - Marker for terminal blocks



0828337

<https://www.phoenixcontact.com/us/products/0828337>

| | |
|--------------|-------------|
| 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 resistance

| | |
|------------------------|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| Rating 125 °C (150 °C) | Test passed |

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 |
| Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] | Test passed |
| Ethanol (99 %) [CAS No. 64-17-5] | Test passed |
| Acetone (99 %) [CAS No. 67-64-1] | Test passed |

Immersion in chemicals, oil & fuel

| | |
|---|--------------------------|
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |
| Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] | Test passed |
| Saltwater (saturated 350 g/l) [CAS No. -] | Test passed |
| Ethanol (99 %) [CAS No. 64-17-5] | Test passed |
| Acetone (99 %) [CAS No. 67-64-1] | Test passed |
| Methylethylketone (MEK) [CAS No. 78-93-3] | Test passed |
| Gasoline [CAS No. 64742-49-0] | Test passed |
| Diesel [CAS No. 68476-34-6] | Test passed |

UC1-TMF 4 GN CUS - Marker for terminal blocks



0828337

<https://www.phoenixcontact.com/us/products/0828337>

| | |
|---------|-------------|
| IRM 901 | Test passed |
| IRM 902 | Test passed |
| IRM 903 | 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 | snap into flat marker groove |
|---------------|------------------------------|

UC1-TMF 4 GN CUS - Marker for terminal blocks

0828337

<https://www.phoenixcontact.com/us/products/0828337>

Drawings

Schematic diagram



- ① Horizontal
- ② Vertical

UC1-TMF 4 GN CUS - Marker for terminal blocks



0828337

<https://www.phoenixcontact.com/us/products/0828337>

Classifications

UNSPSC

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

UC1-TMF 4 GN CUS - Marker for terminal blocks



0828337

<https://www.phoenixcontact.com/us/products/0828337>

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% |
|-------------------------------------|----------------------------|

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