

# UC1-TMF 8 CUS - Marker for terminal blocks



0824519

<https://www.phoenixcontact.com/us/products/0824519>

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Marker for terminal blocks, can be ordered: by sheet, white (RAL 9010), labeled according to customer specifications, mounting type: snap into flat marker groove, for terminal block width: 8.2 mm, Number of individual labels: 64, text field height: 5.2 mm, text field width: 7.65 mm



## 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	0824519
Packing unit	1 pc
Minimum order quantity	10 pc
Note	Made to order (non-returnable)
Sales key	BG24
Product key	BG8117
GTIN	4046356356411
Weight per piece (including packing)	11.1 g
Weight per piece (excluding packing)	11.1 g
Customs tariff number	49119900
Country of origin	PL

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## Technical data

### Product properties

Product type	Terminal marker
Pitch	8.2 mm

### Marking

Number of individual labels	64
Number of individual labels per row	8
Slot type	flat
Identification technology	UV LED technology

### Dimensions

Width	7.35 mm
Height	5.20 mm
Depth	2.20 mm
Pitch	8.2 mm

### Text field

Text field width	7.65 mm
Text field height	5.2 mm

### Material specifications

Color	white (RAL 9010)
Material	PA
Flammability rating according to UL 94	V2
Base element material	PA
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

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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
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

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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
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)
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## Standards

Standards/regulations	EN 45545-2
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## Mounting

Mounting type	snap into flat marker groove
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## Drawings

Schematic diagram



- ① Horizontal
- ② Vertical

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## Classifications

### ECLASS

ECLASS-13.0	27281101
ECLASS-15.0	27281101

### ETIM

ETIM 10.0	EC000761
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### UNSPSC

UNSPSC 21.0	39131500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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### EF3.1 Climate Change

CO2e kg	0.055 kg CO2e
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)