

# UCT1-TM 5 YE - Marker for terminal blocks



0829228

<https://www.phoenixcontact.com/us/products/0829228>

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.

UniCard materials for thermal transfer printer, for labeling Weidmüller, Conta Clip, and Klemsan terminal blocks, 72-section, can be labeled with THERMOMARK CARD and BLUEMARK LED, color: orange



## Your advantages

- The UCT1-TM ... UniCard labeling range includes markers for Weidmüller, Conta-Clip, and Klemsan terminal blocks
- The markers, which are supplied in uniform sheets, can be marked quickly, easily, and precisely using the card printers
- The sheets provide additional space for project information and function text that can be helpful during further assembly
- 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

## Commercial data

Item number	0829228
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG07
Product key	BG2118
GTIN	4046356596183
Weight per piece (including packing)	14.48 g
Weight per piece (excluding packing)	13 g
Customs tariff number	39269097
Country of origin	PL

# UCT1-TM 5 YE - Marker for terminal blocks



0829228

<https://www.phoenixcontact.com/us/products/0829228>

## Technical data

### Notes

General	Can be labeled via thermal transfer
---------	-------------------------------------

### Product properties

Product type	Terminal marker
Area of application	Weidmüller, CONTA-CLIP, and Klemsan: Terminal blocks
Pitch	5.2 mm

### Marking

Number of individual labels	72
Number of individual labels per row	12
Slot type	high
Identification technology	Thermotransfer, UV-LED-Technologie, Laserdirektbeschriftung

### Dimensions

Width	4.55 mm
Height	10.00 mm
Depth	3.48 mm
Pitch	5.2 mm

### Text field

Text field width	4.55 mm
Text field height	10 mm

### Material specifications

Color	yellow (RAL 1018)
Flammability rating according to UL 94	V0
Base element material	PC
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
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)	VDMA 24364-A1-L:2018-05
Result	Test passed

# UCT1-TM 5 YE - Marker for terminal blocks



0829228

<https://www.phoenixcontact.com/us/products/0829228>

## 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
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 100 °C (121 °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

## Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Saltwater (saturated 350 g/l) [CAS No. - ]	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

# UCT1-TM 5 YE - Marker for terminal blocks



0829228

<https://www.phoenixcontact.com/us/products/0829228>

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)
-----------------	-----------------------------

## Standards

Standards/regulations	EN 45545-2
-----------------------	------------

## Mounting

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

# UCT1-TM 5 YE - Marker for terminal blocks



0829228

<https://www.phoenixcontact.com/us/products/0829228>

## Classifications

### ECLASS

ECLASS-13.0	27281101
ECLASS-15.0	27281101

### ETIM

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

### UNSPSC

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

# UCT1-TM 5 YE - Marker for terminal blocks



0829228

<https://www.phoenixcontact.com/us/products/0829228>

## 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	0.069 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](mailto:info@phoenixcon.com)