

# UC-WMTBA-D (29X8)/PP LBU - Detectable cable markers



1199650

<https://www.phoenixcontact.com/us/products/1199650>

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Detectable cable markers, Sheet, light blue, unmarked, can be labeled with: TOPMARK LASER, TOPMARK NEO, mounting type: Assembly with cable ties, cable diameter: > 6 mm, Number of individual labels: 12, text field height: 8 mm, text field width: 29 mm



## Your advantages

- The detectable UC-WMTBA-D ... UniCard marking family for the identification of cables and wires in controller manufacturing, systems manufacturing, and control cabinet building
- The markings can be detected inductively, which makes them particularly suitable for use in the food and beverage industry
- High durability of the marking materials as well as the labeling due to PP material and laser marking
- Thanks to their angular shape the markers fit perfectly onto cables
- The markers, supplied in uniform sheets, can be marked quickly and easily using the TOPMARK LASER or TOPMARK NEO
- The material used has been tested and approved by ISEGA for use in the food industry

## Commercial data

Item number	1199650
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG10
Product key	BG2317
GTIN	4063151262815
Weight per piece (including packing)	9.2 g
Weight per piece (excluding packing)	7.9 g
Customs tariff number	39269097
Country of origin	PL

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## Technical data

### Notes

Note regarding marking	Polypropylene (PP) sheets can be processed with the TOPMARK NEO with S/N 2004000390 and higher. A conversion kit is available for devices with serial numbers that are lower. Please contact your sales representative for conversion of your TOPMARK NEO.
Note on application	Due to the differing detection properties of metal detectors, the installer/end user must check suitability for the actual application
Note on application	According to the US "Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. 1", the polypropylene rating plates UC-WMTBA (...) /PP xxx and UC-WMTBA-D (...) /PP xxx in light blue, light gray, red, blue, signal white and light red may be safely used for identification of machines intended for food processing.
Note on application	The polypropylene rating plates UC-WMTBA (...) /PP xxx and UC-WMTBA-D (...) /PP xxx may be safely used for identification of machines intended for food processing. They may be in direct contact with dry, watery, non-acidic, alcoholic as well as fatty food, to which the D1 food simulant is assigned in accordance with Regulation (EU) No. 10/2011.

### Product properties

Product type	Conductor marker
Area of application	Food and beverage industry
Product property	detectable

### Marking

Number of individual labels	12
Number of individual labels per row	4
Identification technology	Direct laser marking

### Dimensions

Width	29 mm
Height	13.62 mm
Depth	4 mm

### Material specifications

Color	light blue
Material	PP
Components	free from silicone and halogen

### Cable/line

External cable diameter	> 6.00 mm
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### Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

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Result	Test passed
Specification	DIN EN ISO 1518-1:2019-10 (following)
Requirements	≥ 5 N
Result	Test passed

## Tesafilm test

Specification	DIN EN ISO 2409:2013 (following)
Result	Test passed

## UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.
Specification	IEC 60068-2-2:2007-07
Result	Test passed
Procedure	Test Bb
Duration	96 h
Maximum temperature	100 °C
Temperature for testing	100 °C

## 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)
Isopropyl [CAS No. 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
Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed

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Acetone (99 %) [CAS No. 67-64-1]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed

Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN 50018:2013-05
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed
Test duration	96 h

Ambient conditions

Ambient temperature (operation)	-30 °C ... 90 °C (< 0°C, only static loads)
Ambient temperature (storage/transport)	23 °C
Permissible humidity (storage/transport)	50 %
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %
Shelf life	24 months

Standards and regulations

Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
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Mounting

Mounting type	Assembly with cable ties
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## Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1199650>

**ISEGA**

Approval ID: 3959GD22\_FDA

**ISEGA**

Approval ID: 58228U22\_EU

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## Classifications

### ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

### ETIM

ETIM 9.0	EC001530
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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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