

# WMTB-AL (29X8) - Cable marker

0830805

<https://www.phoenixcontact.com/us/products/0830805>

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Cable marker, Aluminum label, unmarked, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, mounting type: Assembly with cable ties, cable diameter: > 2.9 mm, Number of individual labels: 1, text field height: 8 mm, text field width: 29 mm

## Product description

### Note:

Due to the current challenges of the global procurement market, Phoenix Contact has unfortunately been forced to accept an aluminum alloy material quality that may cause the appearance to deviate from the homogenous surface quality that was previously expected. This has no impact on the quality of the aluminum labels themselves or the durability of the printing. The effect is purely visual.

## Your advantages

- Aluminum cable marking for assembly with cable ties
- High-quality appearance
- Identification made from metal, high strength in a lightweight design
- Increased durability due to the decoratively anodized surface
- Suitable for large-surface marking of wires and cables, > 2.9 mm in diameter

## Commercial data

Item number	0830805
Packing unit	90 pc
Minimum order quantity	90 pc
Sales key	BG18
Product key	BG231B
GTIN	4046356780803
Weight per piece (including packing)	0.888 g
Weight per piece (excluding packing)	0.885 g
Customs tariff number	76169990
Country of origin	DE

## Technical data

### Product properties

Product type	Conductor marker
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### Marking

Number of individual labels	1
Identification technology	UV LED technology

### Dimensions

Width	47 mm
Height	8.5 mm
Depth	0.8 mm

### Text field

Text field width	29 mm
Text field height	8 mm

### Material specifications

Color	aluminum color
Base element material	Aluminum
Components	free from silicone, halogen, and cadmium

### Cable/line

External cable diameter	> 2.90 mm
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 120 °C (> +80 °C slight changes of the material surface possible)
Recommended ambient temperature (storage/transport)	5 °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 24364:2018-05
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)
Requirements	≥ 5 N

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Result	Test passed
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## 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 resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 150 °C (180 °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
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
IRM 901	Test passed
IRM 902	Test passed

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IRM 903	Test passed
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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

## Mounting

Mounting type	Assembly with cable ties
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## Classifications

### ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

### ETIM

ETIM 10.0	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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