

# LS-WMTB-AL (60X15) CUS - Cable marker



0831788

<https://www.phoenixcontact.com/us/products/0831788>

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Cable marker, Aluminum label, can be ordered: Piece, aluminum color, labeled according to customer specifications, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, lettering field size: 60 x 15 mm, Number of individual labels: 16



## Your advantages

- Aluminum cable marking for assembly with cable ties
- Suitable for large-surface marking of wires and cables, > 4.6 mm in diameter
- Identification made from metal, high strength in a lightweight design
- Increased durability due to the decoratively anodized surface

## Commercial data

Item number	0831788
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG813D
Catalog page	Page 247 (NTK-2014)
GTIN	4046356929905
Weight per piece (including packing)	66.74 g
Weight per piece (excluding packing)	66.74 g
Country of origin	PL

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## Technical data

### Product properties

Product type	Labeled conductor marker
Type	Card form

### Marking

Number of individual labels	16
Identification technology	Direct laser marking

### Mounting

Mounting type	Assembly with cable ties
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### Material specifications

RoHS compliant	yes
Color	aluminum color
Material	Aluminum
Components	free from silicone, halogen, and cadmium

### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

Result	Test passed
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#### UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h

#### Weathering-resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	500 h
Procedure	A
Specification	DIN EN 60068-2-2:2008-05 (following)
Result	Test passed
Duration	196 h
Temperature for testing	125 °C
Specification	IEC 60068-1:1988-00
Result	Test passed
Duration	72 h
Temperature for testing	30 °C
Relative humidity	95 %

#### Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
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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
Specification	ISO 175:2010 (following)
Test duration	168 h
Specification	DIN EN 60464-2 (VDE 0360-2):2006-10 (following)
Result	Test passed
Test liquid	Acetone-water, Ethanol-water, n-hexane-water mixture

## 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

## Salt spray test

Specification	ISO 9227:2012-05
Result	Test passed
Test duration	336 h

## High pressure test

Specification	ISO 20653:2013-02
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-25 °C ... 120 °C (At temperatures above 80 °C there might be a slight change to the material surface)
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %
Shelf life	2 years

## Dimensions

Width	15 mm
Length	78 mm
Material strength	0.80 mm

## External dimensions

Outside diameter	4.6 mm ... 136 mm
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## Standards and regulations

Wipe resistance

DIN EN 61010-1 (VDE 0411-1)

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## Classifications

### ECLASS

ECLASS-11.0	27281102
ECLASS-12.0	27281102
ECLASS-13.0	27281102

### ETIM

ETIM 9.0	EC001530
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### UNSPSC

UNSPSC 21.0	39131500
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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)