

LS-WMTB-AL (100X15) - Cable marker



0831503

<https://www.phoenixcontact.com/gb/products/0831503>

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Cable marker, Aluminum label, aluminum color, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, Number of individual labels: 8, text field height: 15 mm, text field width: 100 mm



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	0831503
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BG231D
Product key	BG231D
Catalog page	Page 189 (C-3-2019)
GTIN	4046356925075
Weight per piece (including packing)	76.6 g
Weight per piece (excluding packing)	66.6 g
Customs tariff number	76169990
Country of origin	CN

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Technical data

Product properties

Product type	Conductor marking
Type	Rectangle
Type	Laser sheet

Marking

Number of individual labels	8
Identification technology	Direct laser marking

Dimensions

Width	15 mm
Length	118 mm
Material strength	0.80 mm

External dimensions

Outside diameter	4.6 mm ... 136 mm
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Text field

Text field width	100 mm
Text field height	15 mm

Material specifications

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

Cable/line

External cable diameter	> 4.60 mm
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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

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Procedure	A
Specification	IEC 60068-1:1988-00
Result	Test passed
Duration	72 h
Temperature for testing	125 °C
Relative humidity	95
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
	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
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

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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

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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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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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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