

LS-WMTB-AL (29X8) - Cable marker



0831500

<https://www.phoenixcontact.com/gb/products/0831500>

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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: > 2.9 mm, Number of individual labels: 36, text field height: 8 mm, text field width: 29 mm



Your advantages

- Aluminum cable marking for assembly with cable ties
- Suitable for large-surface marking of wires and cables, > 2.9 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	0831500
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BG231D
Product key	BG231D
Catalog page	Page 189 (C-3-2019)
GTIN	4046356924740
Weight per piece (including packing)	72.8 g
Weight per piece (excluding packing)	61.91 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	36
Identification technology	Direct laser marking

Dimensions

Width	8.5 mm
Length	47 mm
Material strength	0.80 mm

External dimensions

Outside diameter	2.9 mm ... 136 mm
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Text field

Text field width	29 mm
Text field height	8 mm

Material specifications

RoHS compliant	yes
Color	Aluminum color
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

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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