

# LS-WMTB-V4A (40X15) - Cable marker



0831517

<https://www.phoenixcontact.com/gb/products/0831517>

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Cable marker, Stainless steel label, silver-colored, unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 4.6 mm, Number of individual labels: 16, text field height: 15 mm, text field width: 40 mm



## Your advantages

- Stainless steel cable marking for assembly with cable ties
- Easy-to-clean and permanent identification that also meets stringent hygiene requirements
- High resistance to corrosion, acids, and temperatures
- Suitable for large-surface marking of wires and cables, > 2.9 mm in diameter

## Commercial data

Item number	0831517
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BG231D
Product key	BG231D
GTIN	4046356925273
Weight per piece (including packing)	96.4 g
Weight per piece (excluding packing)	87.064 g
Customs tariff number	73269098
Country of origin	CN

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## Technical data

### Product properties

Product type	Conductor marking
Type	Rectangle

### Marking

Number of individual labels	16
Identification technology	Direct laser marking

### Dimensions

Width	58 mm
Height	15 mm
Depth	0.5 mm

### External dimensions

Outside diameter	4.6 mm ... 136 mm
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### Text field

Text field width	40 mm
Text field height	15 mm

### Material specifications

Color	Steel/stainless steel color
Material	V4A (1.4404; AISI 316L)
Base element material	Aluminum
Components	free from silicone, halogen, and cadmium

### Cable/line

External cable diameter	> 4.60 mm
	4.6 mm

### Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

Result	Test passed
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Test for substances that would hinder coating with paint or varnish

Result	Test passed
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Scratch test for the determining scratch resistance

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

Tesafilm test

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

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h
Specification	IEC 60068-2-2:2007-07
Result	Test passed
Procedure	Test Bb
Duration	240 h
Temperature for testing	350 °C

## Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 225 °C (250 °C)	Test passed

## 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
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
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	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 (following)
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

## Salt spray test

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

## Salt spray test

Specification	ISO 9227:2017-03
Result	Test passed
Test duration	336 h

## High pressure test

Specification	ISO 20653:2013-02
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-80 °C ... 350 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)
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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## 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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