

LS-WMTB-V4A (D30) - Cable marker



0831521
<https://www.phoenixcontact.com/us/products/0831521>

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Cable marker, Stainless steel label, silver, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: Assembly with cable ties, cable diameter: > 2.9 mm, lettering field size: 26 x 13 mm, Number of individual labels: 20



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	0831521
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BG19
Product key	BG231D
Catalog page	Page 191 (C-3-2019)
GTIN	4046356925310
Weight per piece (including packing)	100.84 g
Weight per piece (excluding packing)	100.84 g
Customs tariff number	73269098
Country of origin	CN

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Technical data

Product properties

Product type	Conductor marking
Type	circular
Type	Laser sheet

Data management status

Article revision	04
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Marking

Number of individual labels	20
Identification technology	Direct laser marking

Dimensions

Width	30 mm
Text field width	26.00 mm
Text field height	13.00 mm
Length	30 mm
Hole diameter	6.40 mm
Material strength	0.50 mm

External dimensions

Outside diameter	1 mm ... 136 mm
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Material specifications

Color	Steel/stainless steel color
Material	V4A (1.4404; AISI 316L)
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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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

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

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
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-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
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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