

WMTB HF-D (40X12)R BU - Detectable cable markers



1255595

<https://www.phoenixcontact.com/us/products/1255595>

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Detectable cable markers, Roll, blue, unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, mounting type: Assembly with cable ties, cable diameter: ≥ 6 mm, Number of individual labels: 1000, text field height: 12 mm, text field width: 40 mm

Your advantages

- WMTB HF-D ... detectable cable marker for identification of various cables and wires in controller, system, and control cabinet building in the food industry
- The halogen-free wire and cable markers can be detected inductively
- When combined with the TM-RIBBON 105 BK 106 ink ribbon, the printing is highly resistant to solvents, aggressive cleaning agents, acetone, and ethanol
- The highly flexible material adapts to the conductors and cables
- The material used has been tested and approved by ISEGA for use in the food industry

Commercial data

Item number	1255595
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG15
Product key	BG2311
GTIN	4063151362522
Weight per piece (including packing)	1,252 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	39204910
Country of origin	DK

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Technical data

Notes

General	Due to the differing detection properties of metal detectors, the installer/end user must check suitability for the actual application
Note on application	The composition of the WMTB HF-D (...x..)R BU complies with the Code of Federal Regulations, Food and Drugs (FDA), 21 CFR CH 1. Based on the provided sample material, the WMTB HF-D rating plates can therefore safely be used for the identification of food processing machines. Direct contact of the products with the food is not intended.
Note on application	In accordance with Regulation (EU) No. 10/2011, the WMTB HF-D (...x..)R BU rating plates can be safely used for the identification of food processing machines.

Product properties

Product type	Conductor marker
Area of application	Food and beverage industry
Product property	detectable

Marking

Number of individual labels	1000
Number of individual labels per row	1
Identification technology	Thermotransfer

Dimensions

Width	60 mm
Height	20.2 mm
Depth	0.6 mm

Material specifications

RoHS compliant	yes
Color	blue (RAL 5015)
Material	TPU
Flammability rating according to UL 94	HB
Components	halogen-free

Cable/line

External cable diameter	≥ 6.00 mm
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Environmental and real-life conditions

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

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

Tesafilm test

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
Procedure	Artificial irradiation.
Specification	DIN EN 60068-2-2:2008-05 (following)
Result	Test passed
Procedure	Test Bb
Duration	96 h
Temperature for testing	105 °C

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 125 °C (150 °C)	Test passed

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-01):2020-03
	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
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed

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IRM 902	Test passed
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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

Ambient conditions

Ambient temperature (operation)	-25 °C ... 105 °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)

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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Approvals

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ISEGA

Approval ID: 62350U24_EU

ISEGA

Approval ID: 62351U24_FDA

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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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