MM-WMTB HF (55X25)R C1 WH/BK - Cable marker

1116209

https://www.phoenixcontact.com/au/products/1116209

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Cable marker, Roll, white/black, unlabeled, can be labeled with: THERMOMARK GO, cable diameter range: 6 ... 115 mm, mounting type: Assembly with cable ties, Number of individual labels: 20, text field height: 22 mm, text field width: 55 mm

Product description

Prepunched, halogen-free MM-WMTB HF conductor markers made of polyurethane are attached to the conductor with a cable tie.

Your advantages

- The pre-punched geometry enables easy and convenient use
- Thanks to the innovative material composition, each label can be printed which results in zero wastage
- Easy and efficient material cartridge system: Includes both the material to be printed and the corresponding ink ribbon
- No visible difference between retrospective marking and existing markings created with a desktop roll printer
- The cable markers are mounted very easily using a cable tie. Alternatively, a large number of conductors can also be bundled together in this way
- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing

Commercial data

Item number	1116209
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG221E
Product key	BG221E
GTIN	4063151042318
Weight per piece (including packing)	81.8 g
Weight per piece (excluding packing)	78 g
Customs tariff number	96121010
Country of origin	CN

Technical data

Product properties

Product type	Conductor marking

Marking

Number of individual labels	20
Number of individual labels per row	1
Identification technology	Thermal transfer

Dimensions

Width	75 mm
Height	26 mm
Material strength	0.45 mm

External dimensions

Outside diameter	≥ 6 mm

Text field

Text field width	55 mm
Text field height	22 mm

Material specifications

Foil strength	450 µm
Color	multicolored
	white (RAL 9010)
	black (RAL 9005)
Material	PUR
Flammability rating according to UL 94	HB
Components	free from silicone, halogen, and cadmium

Cable/line

External cable diameter	6 mm ... 115 mm

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

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)
Result	Test passed

UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 100 °C (121 °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
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
IRM 902	Test passed

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

Ambient conditions

Ambient temperature (operation)	-25 °C ... 80 °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)

Mounting

Mounting type	Assembly with cable ties

Classifications

ECLASS

ECLASS-11.0	27281102
ECLASS-12.0	27281102
ECLASS-13.0	27281102

ETIM

ETIM 9.0	EC001530

UNSPSC

UNSPSC 21.0	39131500

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

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

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