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MM-WMS 6,4 (EX10)R C1 YE/BK - Shrink sleeve

1116141

https://www.phoenixcontact.com/pc/products/1116141

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Shrink sleeve, Roll, yellow/black, unlabeled, can be labeled with: THERMOMARK GO, THERMOMARK GO.K, THERMOFOX, mounting type: slide-on, cable diameter range: 2.1 ... 6.4 mm, Number of individual labels: 1, text field height: 8.2 mm, text field width: 1800 mm

Your advantages

- High-quality and solvent-resistant marking solution for industrial applications that is created by means of thermal transfer printing
- Thanks to the continuous format, a shrink sleeve marker of the appropriate length can be created flexibly for the relevant application
- 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 shrink sleeve material provides additional electrical insulation and mechanical protection for conductors
- The conductor to be marked is simply threaded through the sleeve and fixed by shrinking the sleeve
- The material is cUL certified

Commercial data

Item number	1116141
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BG221E
GTIN	4063151041618
Weight per piece (including packing)	48.1 g
Weight per piece (excluding packing)	38 g
Customs tariff number	96121010
Country of origin	CN

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Technical data

Product properties

Product type	Conductor marking
Area of application	Railway industry
Type	Shrink sleeve

Marking

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

Dimensions

Text field width	1800.00 mm
Height	11.2 mm
Text field height	8.20 mm
Length	1.8 m

Material specifications

Color	multicolored
	yellow (RAL 1018)
	black (RAL 9005)
Material	Polyolefine
Base element material	polyolefine
Shrink rate	3:1
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 3
Components	free from silicone, halogen, and cadmium

Cable/line

External cable diameter	2.1 mm ... 6.4 mm

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

Result	Test passed

UV resistance

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

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

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n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	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

Ambient conditions

Ambient temperature (operation)	-55 °C ... 125 °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

Mounting

Mounting type	slide-on

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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/pc/products/1116141

cULus Recognized
Approval ID: E310982

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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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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com