

# MM-WMS 9,5 (EX16)R C1 YE/BK - Shrink sleeve



1116142

<https://www.phoenixcontact.com/us/products/1116142>

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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: 3.2 ... 9.5 mm, lettering field size: continuous x 12.8 mm, Number of individual labels: 1

## 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	1116142
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG23
Product key	BG221E
GTIN	4063151042004
Weight per piece (including packing)	59.4 g
Weight per piece (excluding packing)	47 g
Customs tariff number	96121010
Country of origin	CN

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## Technical data

### Product properties

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

### Marking

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

### Dimensions

Width	16.8 mm
Length	1.8 m

### Material specifications

RoHS compliant	yes
Color	yellow/black
Material	Polyolefine
Base element material	polyolefine
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 3
Components	free from silicone, halogen, and cadmium

### Cable/line

External cable diameter	3.2 mm ... 9.5 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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#### UV resistance

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

#### 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

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## Ambient conditions

Ambient temperature (operation)	-55 °C ... 125 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %

## Mounting

Mounting type	slide-on
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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

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)