

MM-WMS 3,2 (EX5)R C1 WH/BK - Shrink sleeve



0803923

<https://www.phoenixcontact.com/us/products/0803923>

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Shrink sleeve, Roll, white (RAL 9010), unmarked, can be labeled with: THERMOFOX, THERMOMARK GO, THERMOMARK GO.K, cable diameter range: 1 ... 3.2 mm, mounting type: slide-on, Number of individual labels: 1, roll length: 1.8 m, text field height: 3.1 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 | 0803923 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BG23 |
| Product key | BG221E |
| GTIN | 4055626212036 |
| Weight per piece (including packing) | 45.5 g |
| Weight per piece (excluding packing) | 44.4 g |
| Customs tariff number | 96121010 |
| Country of origin | CN |

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Technical data

Product properties

| | |
|---------------------|------------------|
| Product 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

| | |
|----------------|--------|
| Length of roll | 1.80 m |
| Height | 6.1 mm |

Text field

| | |
|-------------------|---------|
| Text field width | 1800 mm |
| Text field height | 3.1 mm |

Material specifications

| | |
|--|--|
| Color | white (RAL 9010) |
| | white (RAL 9010) |
| Material | Polyolefine |
| Base element material | polyolefine |
| Shrink rate | 3:1 |
| Fire protection for rail vehicles (DIN EN 45545-2) R22 | HL 1 - HL 3 |
| Components | free from silicone, halogen, and cadmium |

Cable/line

| | |
|-------------------------|-----------------|
| External cable diameter | 1 mm ... 3.2 mm |
|-------------------------|-----------------|

Environmental and real-life conditions

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) |

Test for substances that would hinder coating with paint or varnish

| | |
|---|----------------------|
| Testing for paint wetting impairment substances (LABS-conformity) | VW PV 3.10.7:2005-02 |
| Result | Test passed |

UV resistance

| | |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 4892-2:2021-11 (following) |
| Result | Test passed |

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| | |
|---------------|-------------------------|
| Test duration | 96 h |
| Procedure | Artificial irradiation. |

Wipe resistance of inscriptions

| | |
|---|---|
| Specification | DIN EN 61010-1 (VDE 0411-1):2011-07 DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropanol (99%) [67-63-0] | Test passed |
| 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 EN ISO 22479:2022-08 |
| Result | Test passed |
| Procedure | Method B |
| Cycles | 2 |

Salt spray test

| | |
|---------------|---|
| Specification | DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10 |
| Result | Test passed |

Mounting

| | |
|---------------|----------|
| Mounting type | slide-on |
|---------------|----------|

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Approvals

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cULus Recognized
Approval ID: E310982

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27281102 |
| ECLASS-15.0 | 27281102 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | 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% |
|-------------------------------------|----------------------------|

EF3.1 Climate Change

| | |
|---------|---------------|
| CO2e kg | 1.356 kg CO2e |
|---------|---------------|

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