# SD-WMS 10 (NU)R YE:6 - Wire marking tag

0826242:6

https://www.phoenixcontact.com/us/products/0826242:6

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Wire marking tag, labeled with the number: 6, yellow, the dimensions of the replacement product differ from the previous product!, mounting type: thread on

## Commercial data

| | |
|---|---|
| Item number | 0826242:6 |
| Packing unit | 250 pc |
| Minimum order quantity | 250 pc |
| Sales key | BG17 |
| Product key | BG2221 |
| GTIN | 4046356425377 |
| Weight per piece (including packing) | 0.293 g |
| Weight per piece (excluding packing) | 0.156 g |
| Customs tariff number | 49119900 |
| Country of origin | SE |

# Technical data

## Product properties

| | |
|---|---|
| Product type | Conductor marker |

Marking

| | |
|---|---|
| Printing | 6 |

## Dimensions

| | |
|---|---|
| Width | 4.2 mm |
| Height | 9.5 mm |

External dimensions

| | |
|---|---|
| Outside diameter | 4 mm ... 10 mm |

## Material specifications

| | |
|---|---|
| Color | yellow (RAL 1018) |
| Flammability rating according to UL 94 | V0 |
| Base element material | PVC |
| Components | Free from silicone and cadmium |

## Cable/line

| | |
|---|---|
| External cable diameter | 4 mm ... 10 mm |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -30 °C ... 60 °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) | VDMA 24364-A1-L:2018-05 |
| Result | Test passed |

Scratch resistance

| | |
|---|---|
| Specification | EN ISO 1518-1:2023 (following) |
| Requirements | ≥ 5 N |
| Result | Test passed |

Tesafilm test

| | |
|---|---|
| Specification | DIN EN ISO 2409:2020-12 (following) |
| Result | Test passed |

UV resistance

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

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

Temperature storage

| | |
|---|---|
| Specification | IEC 60068-2-2:2007-07 |
| 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 80 °C (105 °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) |
| Isopropanol (99%) [67-63-0] | Test passed |
| n-Hexane<br>[CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether<br>[CAS No. 64742-82-1] | Test passed |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed |
| Ethanol (99 %)<br>[CAS No. 64-17-5] | Test passed |

Immersion in chemicals, oil & fuel

| | |
|---|---|
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed |
| Saltwater (saturated 350 g/l)<br>[CAS No. - ] | Test passed |
| Ethanol (99 %)<br>[CAS No. 64-17-5] | Test passed |
| Gasoline<br>[CAS No. 64742-49-0] | Test passed |
| Diesel<br>[CAS No. 68476-34-6] | Test passed |
| IRM 901 | Test passed |
| IRM 902 | Test passed |
| IRM 903 | 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 |
| Test duration | 96 h |

## Mounting

| | |
|---|---|
| Mounting type | thread on |

## Classifications

### ECLASS

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

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC001530 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

EU REACH SVHC

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

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