

# WML HF 3(13X10)R YE - Wire-wrap label



0830813

<https://www.phoenixcontact.com/us/products/0830813>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Wire-wrap label, Roll, yellow, unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, cable diameter range: 3 ... 3 mm, mounting type: adhesive, cable diameter:  $\leq 3$  mm, Number of individual labels: 5000, text field height: 9.5 mm, text field width: 12.7 mm

## Your advantages

- For indoor applications: high resistance to dirt and abrasion due to the protective laminate
- Firmly defined positioning of labels thanks to the adhesive system
- Broad diameter range with many different applications inside and outside the control cabinet
- The protective foil is wound over the labeling and provides permanent protection against dirt and abrasion
- The wrap-around labels do not create any additional volume, so the cable can also be pulled through cable ducts, for example
- For cylindrical objects, single wires, and cables
- Halogen-free

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0830813       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | BG15          |
| Product key                          | BG2311        |
| GTIN                                 | 4046356800594 |
| Weight per piece (including packing) | 392.7 g       |
| Weight per piece (excluding packing) | 392.7 g       |
| Customs tariff number                | 39269097      |
| Country of origin                    | DE            |

# WML HF 3(13X10)R YE - Wire-wrap label



0830813

<https://www.phoenixcontact.com/us/products/0830813>

## Technical data

### Product properties

|                                     |                  |
|-------------------------------------|------------------|
| Product type                        | Conductor marker |
| Marking                             |                  |
| Number of individual labels         | 5000             |
| Number of individual labels per row | 4                |
| Identification technology           | Thermotransfer   |

### Dimensions

|        |          |
|--------|----------|
| Width  | 12.7 mm  |
| Height | 19.01 mm |
| Depth  | 0.1 mm   |

### Material specifications

|                       |                                |
|-----------------------|--------------------------------|
| Color                 | yellow (RAL 1018)              |
| Base element material | Polyethylene                   |
| Components            | free from silicone and halogen |

### Cable/line

|                         |               |
|-------------------------|---------------|
| External cable diameter | ≤ 3.00 mm     |
|                         | 3 mm ... 3 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 |
|--------|-------------|

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                           |
| Procedure     | Artificial irradiation.        |

Temperature resistance

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

# WML HF 3(13X10)R YE - Wire-wrap label



0830813

<https://www.phoenixcontact.com/us/products/0830813>

## 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<br>[CAS No. 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                                    |
| Acetone (99 %)<br>[CAS No. 67-64-1]               | Test passed                                    |
| Specification                                     | ISO 175:2010 (following)                       |
| Test duration                                     | 168 h                                          |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                    |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | 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)                     | -40 °C ... 100 °C                                                               |
| Ambient temperature (assembly)                      | > 5 °C                                                                          |
| Recommended ambient temperature (storage/transport) | 21 °C                                                                           |
| Recommended humidity (storage/transport)            | 50 % (Storage in a dry and dark place in the original packaging is recommended) |
| Shelf life                                          | 2 years                                                                         |

## Standards and regulations

|                 |                             |
|-----------------|-----------------------------|
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
|-----------------|-----------------------------|

## Mounting

|               |          |
|---------------|----------|
| Mounting type | adhesive |
|---------------|----------|

# WML HF 3(13X10)R YE - Wire-wrap label



0830813

<https://www.phoenixcontact.com/us/products/0830813>

## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001530 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131500 |
|-------------|----------|

# WML HF 3(13X10)R YE - Wire-wrap label



0830813  
<https://www.phoenixcontact.com/us/products/0830813>

## 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% |

Phoenix Contact 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)