

# UC-WMC 3,1 (30X4) - Conductor marker



0819631

<https://www.phoenixcontact.com/us/products/0819631>

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.



Conductor marker, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, mounting type: clip on, cable diameter range: 1.9 ... 3.1 mm, lettering field size: 30 x 4 mm, Number of individual labels: 12

## Your advantages

- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK printing systems
- The UC-WMC ... UniCard labeling range includes markers for captive labeling of control lines to cable sheaths with large diameters
- The format automatically ensures printing with a high degree of positioning accuracy
- The markers support multi-line labeling
- One-handed mounting
- Two labeling areas that are clearly legible at all times
- Can be clipped on even after wiring has been completed
- The sheets provide space for including function texts
- Marking service: Phoenix Contact can custom-mark all UniCard markers according to your specifications

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0819631             |
| Packing unit                         | 10 pc               |
| Minimum order quantity               | 10 pc               |
| Sales key                            | BG10                |
| Product key                          | BG2217              |
| Catalog page                         | Page 195 (C-3-2019) |
| GTIN                                 | 4046356152549       |
| Weight per piece (including packing) | 10 g                |
| Weight per piece (excluding packing) | 8.95 g              |
| Customs tariff number                | 39269097            |
| Country of origin                    | PL                  |

# UC-WMC 3,1 (30X4) - Conductor marker



0819631

<https://www.phoenixcontact.com/us/products/0819631>

## Technical data

### Product properties

|              |                   |
|--------------|-------------------|
| Product type | Conductor marking |
| Type         | Card form         |

### Marking

|                                     |                   |
|-------------------------------------|-------------------|
| Number of individual labels         | 12                |
| Number of individual labels per row | 4                 |
| Identification technology           | UV LED technology |

### Dimensions

|                   |          |
|-------------------|----------|
| Width             | 4 mm     |
| Text field width  | 30.00 mm |
| Text field height | 4.00 mm  |
| Length            | 30 mm    |

### External dimensions

|                  |                   |
|------------------|-------------------|
| Outside diameter | 1.9 mm ... 3.1 mm |
|------------------|-------------------|

### Material specifications

|                                                                         |                                |
|-------------------------------------------------------------------------|--------------------------------|
| RoHS compliant                                                          | yes                            |
| Color                                                                   | white                          |
| Material                                                                | PA                             |
| Flammability rating according to UL 94                                  | V2                             |
| Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) | 120 °C                         |
| Fire protection for rail vehicles (DIN EN 45545-2) R22                  | HL 1 - HL 2                    |
| Fire protection for rail vehicles (DIN EN 45545-2) R23                  | HL 1 - HL 2                    |
| Fire protection for rail vehicles (DIN EN 45545-2) R24                  | HL 1 - HL 2                    |
| Components                                                              | free from silicone and halogen |

### Cable/line

|                         |                   |
|-------------------------|-------------------|
| External cable diameter | 1.9 mm ... 3.1 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

# UC-WMC 3,1 (30X4) - Conductor marker



0819631

<https://www.phoenixcontact.com/us/products/0819631>

|                                                 |                                                |
|-------------------------------------------------|------------------------------------------------|
| Specification                                   | DIN EN 61010-1 (VDE 0411-1):2011-07            |
|                                                 | 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                                    |

## 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)                     | -40 °C ... 120 °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 %                                                                                                    |

## Standards and regulations

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

## Mounting

|               |         |
|---------------|---------|
| Mounting type | clip on |
|---------------|---------|

# UC-WMC 3,1 (30X4) - Conductor marker



0819631

<https://www.phoenixcontact.com/us/products/0819631>

## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27281102 |
| ECLASS-12.0 | 27281102 |
| ECLASS-13.0 | 27281102 |

### ETIM

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

### UNSPSC

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

# UC-WMC 3,1 (30X4) - Conductor marker



0819631

<https://www.phoenixcontact.com/us/products/0819631>

## 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% |
|-------------------------------------|----------------------------|

# UC-WMC 3,1 (30X4) - Conductor marker



0819631

<https://www.phoenixcontact.com/us/products/0819631>

## Accessories

### BLUEMARK ID - Printer

1003334

<https://www.phoenixcontact.com/us/products/1003334>



Monochrome printer with UV LED technology and integrated "MARKING system app" identification software. 7" touch color display for printing plastic tags in UC, UCT, US, and UM format, as well as metal labels.

---

### BLUEMARK ID COLOR - Printer

1002329

<https://www.phoenixcontact.com/us/products/1002329>



CMYK multicolor printer with UV LED technology, with integrated "MARKING system app" identification software, 7" touch color display for printing plastic tags in UC, UCT, and UM format, as well as metal labels.

## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>

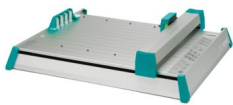


## PLOTMARK - Marking plotter

0804499

<https://www.phoenixcontact.com/us/products/0804499>

Marking plotter for the entire portfolio of UC marking materials and materials in sheet and strip format.



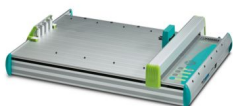
---

## CMS-P1-PLOTTER - Marking plotter

5144615

<https://www.phoenixcontact.com/us/products/5144615>

Marking plotter, weight: 8 kg, length: 0.66 m, width: 440 mm, height: 125 mm, color: silver



## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



## BM ID-CARTR. BK - Ink cartridge

1044345

<https://www.phoenixcontact.com/us/products/1044345>



Replacement UV fluid, 23 ml, color: black

---

## BM ID-CARTR. CY - Ink cartridge

1044346

<https://www.phoenixcontact.com/us/products/1044346>



Replacement UV fluid, 23 ml, color: cyan



## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



## BM ID-CARTR. YE - Ink cartridge

1044348

<https://www.phoenixcontact.com/us/products/1044348>



Replacement UV fluid, 23 ml, color: yellow

---

## BM ID-CLEANING CARTR. - Cleaning cartridge

1044350

<https://www.phoenixcontact.com/us/products/1044350>



Replacement cleaning cartridge

## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



## BLUEMARK CLED-FLUID-CARTR. - Ink cartridge

5146662

<https://www.phoenixcontact.com/us/products/5146662>

Cartridge, for replacement, 20 ml UV color, black, including cleaning cartridge



---

## BLUEMARK FLUID-CARTRIDGE - Ink cartridge

5147421

<https://www.phoenixcontact.com/us/products/5147421>

Cartridge, for replacement, 28 ml UV color, black including cleaning cartridge



## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



### CMS-DISPOSABLE-PEN 0,25 TR - Marker pen

5146685

<https://www.phoenixcontact.com/us/products/5146685>

Disposable pen, incl. adapter, integrated ink cartridge and pen station, writing thickness: 0.25 mm



---

### CMS-DISPOSABLE-PEN 0,35 TR - Marker pen

5146686

<https://www.phoenixcontact.com/us/products/5146686>

Disposable pen, incl. adapter, integrated ink cartridge and pen station, writing thickness: 0.35 mm



## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



## CMS-INK-TR-C5 - Ink cartridge

5146684

<https://www.phoenixcontact.com/us/products/5146684>

Ink cartridge, special black ink, 5 cartridges of 1 ml each, for high demands



---

## CMS-PEN 0,25 - Marker pen

5067815

<https://www.phoenixcontact.com/us/products/5067815>

Marker pen, incl. adapter, ink tank and reservoir, 0.25 mm nib



## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



### CMS-PEN 0,35 - Marker pen

5067828

<https://www.phoenixcontact.com/us/products/5067828>

Marker pen, incl. adapter, ink tank and reservoir, 0.35 mm nib



---

### CMS-PEN 0,50 - Marker pen

5067831

<https://www.phoenixcontact.com/us/products/5067831>

Marker pen, incl. adapter, ink tank and reservoir, 0.5 mm nib



## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



## CMS-R-FLUID-TR - Cleaning fluid

5146750

<https://www.phoenixcontact.com/us/products/5146750>

Cleaning fluid, 30 ml, for the CMS-PEN ... and CMS-DISPOSABLE-PEN ...



---

## CMS-R-FLUID-TR-C2 - Cleaning cartridge

5146752

<https://www.phoenixcontact.com/us/products/5146752>

Cleaning cartridges with replacement sealing caps, 2 cartridges with 10 ml cleaning fluid each and 2 caps for the CMS-PEN ... and CMS-DISPOSABLE-PEN ...



## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



## BM ID-MAG20 - Magazine

1044356

<https://www.phoenixcontact.com/us/products/1044356>



Infeed magazine for accommodating a max. of 20 UniCard sheets

---

## BM ID-MAG40 - Magazine

1044357

<https://www.phoenixcontact.com/us/products/1044357>



Infeed magazine for accommodating a maxi. of 40 UniCard sheets

## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



## P1 UC-MAG 1 - Magazine

5146079

<https://www.phoenixcontact.com/us/products/5146079>



Magazine, for CMS-P1-PLOTTER and PLOTMARK, for accommodating UC-TM.  
..., UC-TMN..., UC-WMC 3,1..., UC-WMTBA...

---

## CMS-R-SET-TR - Cleaning set

5146751

<https://www.phoenixcontact.com/us/products/5146751>



Cleaning set, consisting of: 1x cleaning cup, 2x cleaning cartridges with 10 ml  
cleaning fluid each and 2x replacement sealing caps for the CMS-PEN ... and  
CMS-DISPOSABLE-PEN ...



## UC-WMC 3,1 (30X4) - Conductor marker

0819631

<https://www.phoenixcontact.com/us/products/0819631>



## BLUEMARK CLED - Printer

5147999

<https://www.phoenixcontact.com/us/products/5147999>



Printers with LED-UV technology for printing plastic labels in UniCard format.

---

Phoenix Contact 2024 © - 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)