

# UC-WMC 7,5 (23X8) BU - Conductor marker



0818946

<https://www.phoenixcontact.com/gb/products/0818946>

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Conductor marker, Sheet, blue, unlabeled, can be labeled with: BLUEMARK E.CARD, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, cable diameter range: 5 ... 7.5 mm, mounting type: clip on, Number of individual labels: 6, text field height: 8 mm, text field width: 23 mm

## 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                          | 0818946             |
| Packing unit                         | 5 pc                |
| Minimum order quantity               | 5 pc                |
| Sales key                            | BG2217              |
| Product key                          | BG2217              |
| Catalog page                         | Page 197 (C-3-2019) |
| GTIN                                 | 4046356135115       |
| Weight per piece (including packing) | 12.3 g              |
| Weight per piece (excluding packing) | 12.051 g            |
| Customs tariff number                | 39269097            |
| Country of origin                    | PL                  |

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## Technical data

### Product properties

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

### Marking

|                                     |                   |
|-------------------------------------|-------------------|
| Number of individual labels         | 6                 |
| Number of individual labels per row | 2                 |
| Identification technology           | UV LED technology |

### Dimensions

|        |         |
|--------|---------|
| Width  | 23 mm   |
| Height | 9.75 mm |
| Depth  | 9.75 mm |

### External dimensions

|                  |                 |
|------------------|-----------------|
| Outside diameter | 5 mm ... 7.5 mm |
|------------------|-----------------|

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 23 mm |
| Text field height | 8 mm  |

### Material specifications

|                                                                         |                                |
|-------------------------------------------------------------------------|--------------------------------|
| RoHS compliant                                                          | yes                            |
| Color                                                                   | blue (RAL 5015)                |
| 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 | 5 mm ... 7.5 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                    |

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|               |      |
|---------------|------|
| Test duration | 96 h |
|---------------|------|

## Wipe resistance of inscriptions

|                                                 |                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------|
| Specification                                   | DIN EN 61010-1 (VDE 0411-1):2011-07<br>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 ambient temperature (storage/transport) | 23 °C             |
| Recommended humidity (storage/transport)            | 50 %              |

## Standards and regulations

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

## Standards

|                       |            |
|-----------------------|------------|
| Standards/regulations | EN 45545-2 |
|-----------------------|------------|

## Mounting

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

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## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

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## 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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PHOENIX CONTACT Ltd

Halesfield 13, Telford

Shropshire, TF7 4PG

01952 681700

[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)