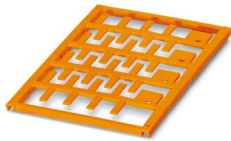


UC-WMT (12X4) OG - Conductor marker

0823588

<https://www.phoenixcontact.com/us/products/0823588>

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, orange (RAL 2003), unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, PLOTMARK, CMS-P1-PLOTTER, cable diameter range: 0.6 ... 10 mm, mounting type: insert, Number of individual labels: 32, text field height: 4 mm, text field width: 12 mm

Your advantages

- The UC-WMT ... UniCard labeling range includes markers for conductor marking with marking collars from the PATG (HF) .../PATG ... system
- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK printing system
- To simplify mounting, the insert labels are arranged on UniCard sheets so that they can be separated branch by branch
- Labeled insert strips are simply inserted into the collars. This protects the marking against dirt.
- The format automatically ensures printing with a high degree of positioning accuracy
- 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 | 0823588 |
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| Product key | BG2217 |
| GTIN | 4046356333351 |
| Weight per piece (including packing) | 9.76 g |
| Weight per piece (excluding packing) | 9.76 g |
| Country of origin | PL |

UC-WMT (12X4) OG - Conductor marker



0823588

<https://www.phoenixcontact.com/us/products/0823588>

Technical data

Product properties

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

Marking

| | |
|-------------------------------------|-------------------|
| Number of individual labels | 32 |
| Number of individual labels per row | 8 |
| Identification technology | UV LED technology |

Dimensions

| | |
|--------|-------|
| Width | 12 mm |
| Length | 4 mm |

Text field

| | |
|-------------------|-------|
| Text field width | 12 mm |
| Text field height | 4 mm |

Material specifications

| | |
|--|--------------------------------|
| Color | orange (RAL 2003) |
| Material | PA |
| Flammability rating according to UL 94 | V2 |
| Base element material | PA |
| 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 | 0.6 mm ... 10 mm |
|-------------------------|------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 120 °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 |

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 |
|---|----------------------|

UC-WMT (12X4) OG - Conductor marker



0823588

<https://www.phoenixcontact.com/us/products/0823588>

| | |
|--------|-------------|
| 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 resistance

| | |
|------------------------|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
| Test duration | 240 h |
| Rating 125 °C (150 °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 [CAS No. 110-54-3] | Test passed |
| Water + Petroleum ether [CAS No. 64742-82-1] | Test passed |
| Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] | Test passed |
| Ethanol (99 %) [CAS No. 64-17-5] | Test passed |
| Acetone (99 %) [CAS No. 67-64-1] | Test passed |

Immersion in chemicals, oil & fuel

| | |
|---|--------------------------|
| Specification | ISO 175:2010 (following) |
| Test duration | 168 h |
| Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2] | Test passed |
| Saltwater (saturated 350 g/l) [CAS No. -] | Test passed |
| Ethanol (99 %) [CAS No. 64-17-5] | Test passed |
| Acetone (99 %) [CAS No. 67-64-1] | Test passed |
| Methylethylketone (MEK) [CAS No. 78-93-3] | Test passed |

UC-WMT (12X4) OG - Conductor marker



0823588

<https://www.phoenixcontact.com/us/products/0823588>

| | |
|----------------------------------|-------------|
| Gasoline [CAS No. 64742-49-0] | Test passed |
| Diesel [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 | EN ISO 22479:2022-06 |
| 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 |

Standards and regulations

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

Mounting

| | |
|---------------|--------|
| Mounting type | insert |
|---------------|--------|

UC-WMT (12X4) OG - Conductor marker



0823588

<https://www.phoenixcontact.com/us/products/0823588>

Classifications

ECLASS

ECLASS-13.0

27281106

ETIM

ETIM 9.0

EC001288

UNSPSC

UNSPSC 21.0

39131700

UC-WMT (12X4) OG - Conductor marker



0823588

<https://www.phoenixcontact.com/us/products/0823588>

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 2026 © - 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