

# US-WMT (12X4) OG - Cable marker



0829281  
<https://www.phoenixcontact.com/us/products/0829281>

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Cable marker, Card, orange, unmarked, can be labeled with: BLUEMARK ID COLOR, BLUEMARK ID, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, THERMOMARK PRIME 2.0, cable diameter range: 0.6 ... 10 mm, mounting type: slide-on, Number of individual labels: 98, text field height: 4 mm, text field width: 12 mm

## Your advantages

- The US-WMT ... UniSheet labeling range includes markers for conductor marking with marking collars from the PATG/PATO ... system
- Labeling service: Phoenix Contact can custom-label all UniSheet markers according to your requirements

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0829281       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Product key                          | BG2219        |
| GTIN                                 | 4046356612579 |
| Weight per piece (including packing) | 12.348 g      |
| Weight per piece (excluding packing) | 12.348 g      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

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

### Marking

|                                     |    |
|-------------------------------------|----|
| Number of individual labels         | 98 |
| Number of individual labels per row | 14 |

### Dimensions

|        |        |
|--------|--------|
| Width  | 12 mm  |
| Height | 4.3 mm |
| Depth  | 0.5 mm |

### Material specifications

|                                        |                   |
|----------------------------------------|-------------------|
| Color                                  | orange (RAL 2003) |
| Flammability rating according to UL 94 | V0                |
| Base element material                  | PVC               |
| Components                             | Silicone-free     |

### Cable/line

|                         |                  |
|-------------------------|------------------|
| External cable diameter | 0.6 mm ... 10 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

|                                                 |                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------|
| 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 (following) |
| Result        | Test passed                   |
| Climate level | AHT 1.0 S                     |

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|        |   |
|--------|---|
| Cycles | 2 |
|--------|---|

## Salt spray test

|               |                           |
|---------------|---------------------------|
| Specification | DIN EN 60068-2-11:2000-02 |
| Result        | Test passed               |

## Ambient conditions

|                                                     |                                                                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)                     | -30 °C ... 80 °C                                                                                                    |
| Recommended storage conditions                      | 10 ... 30 °C / 40 ... 70 % relative humidity. Storage in the original packaging is recommended prior to processing. |
| Recommended ambient temperature (storage/transport) | 10 °C ... 30 °C                                                                                                     |
| Recommended humidity (storage/transport)            | 40 % ... 70 %                                                                                                       |

## Standards and regulations

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

## Mounting

|               |          |
|---------------|----------|
| Mounting type | slide-on |
|---------------|----------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281106 |
| ECLASS-15.0 | 27281106 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001288 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131700 |
|-------------|----------|

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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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