

# EMT (23X4)R - Insert label

0817361

<https://www.phoenixcontact.com/au/products/0817361>



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Insert label, Roll, white, unlabeled, 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: 1.5 ... 35 mm, mounting type: insert, Number of individual labels: 5000, text field height: 4 mm, text field width: 23 mm

## Your advantages

- EMT ... insert labels for marking PATG and PATO marking sleeves for wire and cable identification
- Thanks to their special shape, EMT ... insert labels remain securely inside the collar once inserted
- Quick and inexpensive marking with THERMOMARK ... roll printers from Phoenix Contact
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- Marking service: Phoenix Contact can custom-mark all EMT ... markers according to your requirements

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 0817361             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BG2211              |
| Product key                          | BG2211              |
| Catalog page                         | Page 229 (C-3-2019) |
| GTIN                                 | 4046356123440       |
| Weight per piece (including packing) | 470 g               |
| Weight per piece (excluding packing) | 470 g               |
| Customs tariff number                | 39202021            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                                     |                            |
|-------------------------------------|----------------------------|
| Product type                        | Conductor marking          |
| Marking                             |                            |
| Number of individual labels         | 5000                       |
| Number of individual labels per row | 4                          |
| Identification technology           | Thermal transfer for rolls |

### Dimensions

|        |       |
|--------|-------|
| Width  | 23 mm |
| Length | 4 mm  |

#### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 23 mm |
| Text field height | 4 mm  |

### Material specifications

|            |                                |
|------------|--------------------------------|
| Color      | white (RAL 9010)               |
| Material   | Polyester                      |
| Components | free from silicone and halogen |

### Cable/line

|                         |                  |
|-------------------------|------------------|
| External cable diameter | 1.5 mm ... 35 mm |
|-------------------------|------------------|

### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

|        |             |
|--------|-------------|
| Result | Test passed |
|--------|-------------|

#### Scratch test for the determining scratch resistance

|               |                                       |
|---------------|---------------------------------------|
| Specification | DIN EN ISO 1518-1:2019-10 (following) |
| Requirements  | ≥ 5 N                                 |
| 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                           |

#### Temperature resistance

|               |                                 |
|---------------|---------------------------------|
| Specification | ANSI/UL 969-2018:03 (following) |
|---------------|---------------------------------|

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|                        |             |
|------------------------|-------------|
| Test duration          | 240 h       |
| Rating 200 °C (230 °C) | Test passed |

## 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                                                                           |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed                                                                           |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | 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                                                                           |
| Diesel<br>[CAS No. 68476-34-6]                    | 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 ... 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 %                                                                                                    |
| Shelf life                                          | 2 years                                                                                                 |

## Standards and regulations

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

## Mounting

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

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## Classifications

### ECLASS

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