

# EMT (103X23)R - Insert strip



0800040

<https://www.phoenixcontact.com/gb/products/0800040>

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.



Insert strip, For marking Siemens S7-300 controllers, 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, mounting type: insert, Number of individual labels: 500, text field height: 23 mm, text field width: 103 mm

## Your advantages

- EMT (103x23)R is a white insert label for marking Siemens S7-300 controllers
- Thanks to their special shape, the EMT (103x23)R insert labels remain securely inside the collar of the Siemens controller 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                          | 0800040             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 1 pc                |
| Sales key                            | BG2411              |
| Product key                          | BG2411              |
| Catalog page                         | Page 343 (C-3-2019) |
| GTIN                                 | 4046356545402       |
| Weight per piece (including packing) | 470 g               |
| Weight per piece (excluding packing) | 523.6 g             |
| Customs tariff number                | 39269097            |
| Country of origin                    | DE                  |

# EMT (103X23)R - Insert strip

0800040

<https://www.phoenixcontact.com/gb/products/0800040>



## Technical data

### Product properties

|                     |                                        |
|---------------------|----------------------------------------|
| Product type        | Device marking                         |
| Area of application | SIEMENS: S7-300 controller             |
| Controller type     | For marking Siemens S7-300 controllers |

### Marking

|                                     |                            |
|-------------------------------------|----------------------------|
| Number of individual labels         | 500                        |
| Number of individual labels per row | 1                          |
| Identification technology           | Thermal transfer for rolls |

### Mounting

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

### Material specifications

|               |                                |
|---------------|--------------------------------|
| Foil strength | 175 µm                         |
| Color         | white (RAL 9010)               |
| Material      | Polyester                      |
| Components    | free from silicone and halogen |

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

#### Wipe resistance of inscriptions

|               |                                      |
|---------------|--------------------------------------|
| Specification | DIN EN 61010-1 (VDE 0411-01):2020-03 |
|---------------|--------------------------------------|

# EMT (103X23)R - Insert strip



0800040

<https://www.phoenixcontact.com/gb/products/0800040>

|                                                   |                                                |
|---------------------------------------------------|------------------------------------------------|
|                                                   | 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                                    |
| Acetone (99 %)<br>[CAS No. 67-64-1]               | 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                                    |
| Ethanol (99 %)<br>[CAS No. 64-17-5]               | Test passed                                    |
| Acetone (99 %)<br>[CAS No. 67-64-1]               | 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 |
| Recommended ambient temperature (storage/transport) | 23 °C                          |
| Recommended humidity (storage/transport)            | 50 %                           |
| Shelf life                                          | 2 years                        |

## Dimensions

|        |        |
|--------|--------|
| Width  | 103 mm |
| Length | 23 mm  |

## Text field

|                  |        |
|------------------|--------|
| Text field width | 103 mm |
|------------------|--------|

# EMT (103X23)R - Insert strip



0800040

<https://www.phoenixcontact.com/gb/products/0800040>

|                   |       |
|-------------------|-------|
| Text field height | 23 mm |
|-------------------|-------|

## Standards and regulations

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

# EMT (103X23)R - Insert strip

0800040

<https://www.phoenixcontact.com/gb/products/0800040>



## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27281106 |
| ECLASS-12.0 | 27281106 |
| ECLASS-13.0 | 27281106 |

### ETIM

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

### UNSPSC

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

# EMT (103X23)R - Insert strip



0800040  
<https://www.phoenixcontact.com/gb/products/0800040>

## 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 2025 © - all rights reserved  
<https://www.phoenixcontact.com>

PHOENIX CONTACT Ltd  
Halesfield 13, Telford  
Shropshire, TF7 4PG  
01952 681700  
[info@phoenixcontact.co.uk](mailto:info@phoenixcontact.co.uk)