

# EMT (13X109)R - Insert label

0803894

<https://www.phoenixcontact.com/us/products/0803894>

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 label, for marking Siemens S7-1500 CPU 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, lettering field size: 13 x 109 mm, Number of individual labels: 500

## Your advantages

- EMT (13x109)R is a white insert label for marking Siemens S7-1500 CPU controllers
- Thanks to their special shape, the EMT (13x109)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	0803894
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	BG2411
Catalog page	Page 343 (C-3-2019)
GTIN	4055626195605
Weight per piece (including packing)	189.7 g
Weight per piece (excluding packing)	189.7 g
Country of origin	DE

## Technical data

### Product properties

Controller type	for marking Siemens S7-1500 CPU controllers
Product type	Device marking
Area of application	SIEMENS: S7-1500 CPU controller

### Marking

Number of individual labels	500
Identification technology	Thermal transfer for rolls

### Mounting

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

### Material specifications

Foil strength	175 µm
Color	white
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
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)

# EMT (13X109)R - Insert label



0803894

<https://www.phoenixcontact.com/us/products/0803894>

Isopropyl [CAS No. 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
Specification	ISO 175:2010 (following)
Test duration	168 h
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
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

## Dimensions

Width	13 mm
Length	109 mm

## Standards and regulations

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

# EMT (13X109)R - Insert label



0803894

<https://www.phoenixcontact.com/us/products/0803894>

## Classifications

### ECLASS

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

### ETIM

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

### UNSPSC

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

Phoenix Contact 2024 © - 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](mailto:info@phoenixcon.com)