

# EML (20X8)R YE - Label



0816799

<https://www.phoenixcontact.com/in/products/0816799>

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Label, Roll, yellow, 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: adhesive, lettering field size: 20 x 8 mm, Number of individual labels: 2500

## Your advantages

- The EML ... self-adhesive device markers are particularly well suited for marking various types of equipment in control, system, and control cabinet manufacturing
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- The EML ... materials are UL-listed
- A wide range of marker sizes and colors are available for custom designs
- Labeling service: Phoenix Contact can custom-label all EM ... markers in accordance with your requirements

## Commercial Data

Item number	0816799
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	BG2
Product Key	BG2411
Catalog Page	Page 325 (C-3-2019)
GTIN	4046356107693
Weight per Piece (including packing)	179.7 g
Weight per Piece (excluding packing)	179 g
Customs tariff number	39269097
Country of origin	DE

## Technical Data

### Product properties

Product type	Device marking
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### Marking

Number of individual labels	2500
Number of individual labels per row	4

### Marking technology

Device	1285306 THERMOMARK E.300
	1285310 THERMOMARK E.600
	0804501 THERMOMARK ROLLMASTER 300
	0804663 THERMOMARK ROLLMASTER 600
	1085260 THERMOMARK ROLL 2.0
Ink ribbon	5145384 THERMOMARK-RIBBON 110
Printability	Thermal transfer

### Mounting

Mounting type	adhesive
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### Material specifications

Foil strength	55 µm
Adhesive strength	20 µm
Adhesive	Acrylic
Color	yellow
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
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Result	Test passed
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#### 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 100 °C (121 °C)	Test passed

## Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07 DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Specification	ISO 175:2010 (following)
Test duration	168 h

## 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 ... 150 °C
Ambient temperature (assembly)	> 5 °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)
Shelf life	2 years

## Dimensions

Width	20 mm
Length	8 mm

## Standards and regulations

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



**cULus Recognized**  
Approval ID: MH48542

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## Classifications

### ECLASS

ECLASS-11.0	27281103
ECLASS-12.0	27281103
ECLASS-13.0	27281103

### ETIM

ETIM 8.0	EC001288
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### UNSPSC

UNSPSC 21.0	39131500
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## Accessories

### THERMOMARK ROLLMASTER 300 - Thermal transfer printer

0804501

<https://www.phoenixcontact.com/in/products/0804501>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

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### THERMOMARK ROLLMASTER 600 - Thermal transfer printer

0804663

<https://www.phoenixcontact.com/in/products/0804663>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

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## THERMOMARK ROLL 2.0 - Thermal transfer printer

1085260

<https://www.phoenixcontact.com/in/products/1085260>



Thermal transfer printer for material off the roll, incl. Euro/US power cable and USB cable. Support CD includes user manuals in several languages, links to firmware, drivers, and planning and marking software. Operating instructions printed in German and English. 1 roll of labels EML (20x8)R white = 1000 labels, ink ribbon = 50 m

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## THERMOMARK ROLL - Thermal transfer printer

5146477

<https://www.phoenixcontact.com/in/products/5146477>



Thermal transfer printer, 300 dpi, incl. European power cable, US power cable, and USB cable. DVD with CLIP PROJECT advanced planning and marking software, user manuals in various languages, Windows® printer driver, and firmware. German/English user manual in DIN A5 format, EML (20x8)R roll of labels, white, with 1000 labels, and ink ribbon: 50 m

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## THERMOMARK X1.2 - Thermal transfer printer

5146231

<https://www.phoenixcontact.com/in/products/5146231>



Thermal transfer printer, weight: 10 kg, length: 0.446 m, width: 242 mm, height: 274 mm, color: gray

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## GBS 5-25X12 - Group marker label for terminal marking

0810588

<https://www.phoenixcontact.com/in/products/0810588>



Group marker label, snaps onto terminal center for screw, spring-cage and quick connection terminal blocks, labeled with a 25 x 12 mm label or manually with the B-STIFT, in the foot part with ZB 5



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## KLM 3 - Terminal strip marker carrier

0811969

<https://www.phoenixcontact.com/in/products/0811969>



Terminal strip marker carrier, adjustable height, for CLIPFIX 15, CLIPFIX 35, and CLIPFIX 35-5 end brackets, can be marked using labels in 20 x 8 mm format

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## THERMOMARK-RIBBON 110 - Ink ribbon

5145384

<https://www.phoenixcontact.com/in/products/5145384>



Ink ribbon, for roll printers for printing the product groups TML..., WML..., WML HF..., WML-FLAG..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP... and PMM..., roll length: 300 m, width: 110 mm, color: black

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## THERMOMARK-RIBBON 110/50 - Ink ribbon

0800687

<https://www.phoenixcontact.com/in/products/0800687>



Ink ribbon, for roll printers for printing the product groups TML..., WML..., WML HF..., WML-FLAG..., EML..., EML-ESD..., EML-RM..., EML-HA..., EMLS..., EMLC..., EMLP... and PMM..., roll length: 50 m, width: 110 mm, color: black

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