

# THERMOMARK E.300 US - Thermal transfer printer



1287021

<https://www.phoenixcontact.com/us/products/1287021>

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Thermal transfer printer for printing all materials in roll format with a print resolution of 300 dpi. Suitable for long-term use in production and for large print volumes, as large rolls can also be processed.

## Product description

Benefit from the flexibility of the THERMOMARK E.300 industrial printer:

Use the printer to print all roll materials in the MARKING system portfolio for professional and durable wire and cable identification, equipment and plant identification, and terminal identification.

In addition to prepunched label formats, you can also process shrink sleeve as well as label material in continuous format. To do this, simply combine the printer with the THERMOMARK E.CUTTER or E.CUTTER/P for the convenient cutting or perforation of materials in continuous format.

For the maximum efficiency of identification processes, combine the standard printer with a THERMOMARK E SERIES applicator. This will transform your printer into an efficient printing and application system, enabling you to achieve an average time saving of 60% as the markers are printed and applied in just one automated process step. With the THERMOMARK E.300, the THERMOMARK E.WIRE and E.SLEEVE applicators can be used for efficient wire and cable identification and the THERMOMARK E.VARIO can be used for efficient terminal identification.

Scope of supply:

THERMOMARK E.300, power cable (pin connector pattern: type "B"), USB cable, EML (20X8)R/TL label roll (0802999), THERMOMARK-RIBBON 110/50 ink ribbon (0800687), multilingual packing slip

## Your advantages

- Suitable for all roll materials in the MARKING system product portfolio
- The THERMOMARK E.300 can process larger material rolls than the THERMOMARK ROLL 2.0
- Continuous media in roll format can be easily cut or perforated using the THERMOMARK E.CUTTER (for cutting label material in continuous format) or the THERMOMARK E.CUTTER/P (for perforating shrink sleeve in continuous format)
- Easily transform the standard printer into an efficient printing and application system: Compatibility with the THERMOMARK E SERIES applicators THERMOMARK E.WIRE, E.SLEEVE, and E.VARIO
- When operating the printer with an applicator for wire and cable identification, convenient and intuitive project processing is possible directly via the 4.3" multicolor LCD touch display; the user also receives structured guidance and is supplied with the relevant information
- Easy handling of all status and error messages, as corresponding videos can be accessed and played directly via the touch display
- Status messages are conveniently sent in real time and bidirectionally to the marking software with OPC UA when operating the printer via the Ethernet interface
- The 300 dpi print resolution is the absolute industry standard for all conventional applications and materials
- Efficient and maintenance-free operation with proven thermal transfer printing technology

## Commercial data

Item number	1287021
Packing unit	1 pc
Minimum order quantity	1 pc

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Sales key	BG01
Product key	BG1221
GTIN	4063151512163
Weight per piece (including packing)	12,800 g
Weight per piece (excluding packing)	9,780 g
Customs tariff number	84433210
Country of origin	DE

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## Technical data

### Product properties

Product type	Printing system
Scope of delivery	Ink ribbon, label roll, power cable, USB cable, operating instructions
	Power cable, USB cable, operating instructions, label roll, ink ribbon

### Data management status

Article revision	03
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### Marking

Identification technology	Thermal transfer for rolls
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### Device properties

Print width	105 mm
Print resolution	300 dpi
Operating system	Windows 10, Windows 11, Windows Server 2016, Windows Server 2019, Windows Server 2022

### Electrical properties

#### Supply

Supply voltage range	100 V AC ... 240 V AC (50 Hz ... 60 Hz)
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### Interfaces

Interface	10/100 Mbps Ethernet, USB 2.0, RS-232
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### Dimensions

Width	252 mm
Height	288 mm
Length	460 mm

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	5 °C ... 40 °C
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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1287021>



**cULus Listed**

Approval ID: E140403



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Approval ID: E140403



**IECEE CB Scheme**

Approval ID: DK-112231-M2-UL

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## Classifications

### ECLASS

ECLASS-11.0	19140104
ECLASS-12.0	19140104
ECLASS-13.0	19140104

### ETIM

ETIM 9.0	EC001684
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-10
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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