



MARKING system

Mobile printing systems

MARKING system

Simply easy!

We simplify your daily work – this is the promise backing every industrial marking and labeling solution from Phoenix Contact. The MARKING system portfolio offers intuitive and user-friendly solutions for every application, from planning to the finished marking.

Your advantages

- ✓ Everything from a single source, from planning right through to completed marking
- ✓ High-quality results in the shortest time possible, thanks to perfectly coordinated components
- ✓ Save time through rapid integration of all programs and devices into existing structures

Printers

Whether laser markers, high-speed UV LED printers, or thermal transfer printers: all of these systems operate using a uniform user-friendly operating menu that provides you with intuitive support as you create your marking.

Services

Uncomplicated support for every issue – by e-mail, phone, or directly on site. We stand ready to assist you at any time with services that are tailored to your needs.



Software

Easily plan your terminal strips using the PROJECT complete software, and create the markings you need for them without hassle.



Material

The MARKING system covers every application with a wide variety of marking materials. Numerous versions are available for marking terminals, conductors and cables, devices, and systems.



THERMOMARK PRIME

Mobile Printing – Mark equipment wherever you want

Direct and flexible printing at the point of use? Yes! This is now an option with the new mobile printing system from Phoenix Contact. The THERMOMARK PRIME is optimally suited for mobile use with its integrated marking software, independent energy supply, and a user interface with intuitive operation. Its compact size and the practical accessories make the THERMOMARK PRIME the ideal companion for any task – whether in stationary use or on the go while in the field.

Immediately ready to use

thanks to an ink ribbon that
can be replaced in less than 10
seconds

Your advantages

- ✓ Easy data entry, thanks to touch screen and fully integrated marking software
- ✓ Equipped with energy management and replaceable, rechargeable high-performance batteries
- ✓ Versatile use: extensive material portfolio consists of countless products for the widest range of applications in industrial identification



Desktop interaction

The THERMOMARK PRIME can easily be managed in stationary use using a PC. Its wide variety of functions can be managed via the CLIP PROJECT marking software.



Uncomplicated entry
with completely integrated
marking software

Easy operation
via an adjustable
multi-touch display

Flexible fields of
application
thanks to the approximately 600
different marking materials

100% independent
thanks to replaceable, rechargeable
high-performance batteries



Marking the control cabinet

The THERMOMARK PRIME prints markings for all of the components used in control cabinet assembly. The printing system resolves this task directly on site with integrated marking software and energy on board.



On the go in industrial operation

Regardless of whether you are working with local installation sites or supply equipment: mobile printing systems with a large selection of marking materials offer the highest degree of flexibility for the widest range of applications.



Ready to use for hours

Reliable marking of industrial systems across large facilities is now possible thanks to the superior THERMOMARK PRIME battery performance. This enables users to create the highest quality markings directly on site.

THERMOMARK PRIME – Flexibility in control cabinet manufacturing

Print directly on the control cabinet: the mobile THERMOMARK PRIME thermal transfer printer enables you to create marking labels for terminal blocks, conductors, cables, devices, and systems right where they will be used. The result: considerable time savings. The wide variety of different printing materials offers the correct marking for every component.

Did you know?

The CLIP PROJECT software supports you throughout the entire project planning and configuration phase of control cabinet manufacturing. In the first step, configure the structure of your terminal strips quickly, conveniently, and accurately using CLIP PROJECT Planning. Next, label the corresponding marking materials using the high-performance CLIP PROJECT Marking tool. CLIP PROJECT is compatible with all Phoenix Contact printing systems.



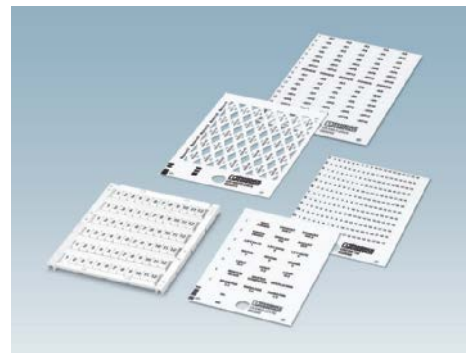
Enter printing data directly

Entering printing data using the clearly arranged touch display is easy and intuitive, thanks to the integrated marking software. This makes connecting to an external PC superfluous.



Interfaces for smart networking

The THERMOMARK PRIME has a series of interfaces for connecting to other systems to make the processing of even extensive printing projects convenient.



Large variety of materials

The THERMOMARK PRIME processes materials in card and sheet formats, with marking labels available in a variety of different geometries – in up to seven different colors.

THERMOMARK PRIME – Reliable in mobile use

The locations of use and requirements for industrial identification are as numerous as they are varied: from locally organized industry assemblies to technical supply units. Markings must be processed specifically, flexibly, and in high quality, wherever they will be used. With its material portfolio, the THERMOMARK PRIME provides this versatility, enabling it to be used in a wide variety of different applications.





Always live

Thanks to its powerful battery, the THERMOMARK PRIME can run for a full work shift, or print up to 500 UCT sheets. The special power supply unit can fully charge the battery in just three hours.



Fast ink ribbon replacement

Ink ribbons and print materials can be replaced in less than 10 seconds. Simple insertion of the convenient ribbon cartridges makes the time-consuming process of inserting and adjusting new materials a thing of the past.



A variety of application options

The THERMOMARK PRIME prints a wide range of plastic conductor and cable labels for use in different assembly situations: with cable ties, for clipping, sliding, or as adhesive labels.

THERMOMARK PRIME – The printer for the real world

Thanks to its compact dimensions and robust structure, the THERMOMARK PRIME can be transported conveniently and used reliably, even in large facilities. The corresponding marking materials, which are just as durable as the printing system, are resistant to a wide variety of different environmental influences, and remain clearly legible over long periods of time.

Comprehensive plant marking

The extensive marking of industrial systems includes warning signs, mandatory signs, prohibition signs, pipeline labels, magnetic signs for temporary labeling, and barcodes. Whether as self-adhesive labels, metal signs, or for attaching to marker carriers – Phoenix Contact covers the entire portfolio for any type of plant marking.



Automatic material detection

The printer is able to detect which components are being used via a hole or barcode on the materials and magazines. If these are not compatible, an error message appears to prevent misprints.



Durable marking

Plant markings are frequently affected by adverse environmental effects. The THERMOMARK PRIME creates markings on high-quality materials that are resistant to environmental conditions.



Display screen glare suppression

Data entry via the intuitive touch display makes using the printer in large facilities and outdoors easier than ever. The anti-glare display is also clearly legible even outdoors.

THERMOFOX – Always there when you need it

The marking of devices and systems frequently has to be done spontaneously without prior planning during service and maintenance. An especially flexible and mobile solution for creating markings is required during maintenance repair overhauls (MRO). This is precisely where the THERMOFOX comes in – a smart handheld printer that offers a variety of useful functions despite its compact size.

Do not waste another second

The marking materials for the THERMOFOX are supplied together with the corresponding ink ribbon. They are packaged in practical material cartridges that enable colors and materials to be changed quickly and cleanly within a few seconds.





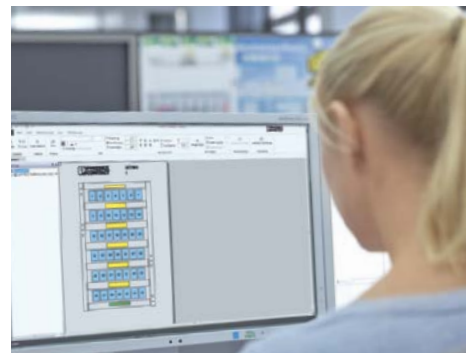
Simple data entry

The THERMOFOX input field prioritizes frequently used characters and offers an enormous selection of special characters. In addition, this handheld printer can store up to 20 projects and can generate eight types of barcodes.



Wide selection of materials



The THERMOFOX processes a wide variety of different labels with a width of up to 24 mm. In addition, it also prints shrink sleeves for conductor diameters up to 9.5 mm with shrink rates of 3:1 and 2:1.



High-performance software

The PROJECT complete planning and marking software creates print data for easy and intuitive marking. The THERMOFOX accesses projects from the software via a USB interface.












Thermomark PRIME ordering data

THERMOMARK PRIME			
 Web code: #0875	Product designation	Description	Order no.
	THERMOMARK PRIME	Portable, battery-operated thermal transfer printer with a 7-inch touch display for card materials	5148888
	TMP-RIBBON 110 BK 100	Ink ribbon cartridge, length: 70,000 mm, width: 110 mm, color: black (order number 0803374)	
	TMP/ACCU	Battery for THERMOMARK PRIME, NiMH 18 VDC, 2.1 Ah	
	TMP/EXT.POWER-SUPPLY 100-240V	Power supply unit: 100 V to 240 V	
	UCT-TM 6	Markers for terminal blocks, sheet, white, unmarked, can be labeled with: THERMOMARK PRIME, THERMOMARK CARD, BLUEMARK CLED, BLUEMARK LED, TOPMARK LASER, mounting type: snap into a high marker groove, for terminal block width: 6.2 mm, lettering field size: 5.6 mm x 10.5 mm	
	US-EMLP (85.6x54)	Plastic labels, card, white, unmarked, can be labeled with: THERMOMARK PRIME and THERMOMARK CARD, mounting type: adhesive, lettering field size: 85.6 mm x 54 mm	
	TMP-US-MAG1	Magazine for the THERMOMARK PRIME printer, for accommodating US cards	
	TMP-UCT-MAG1	Magazine for the THERMOMARK PRIME printer, for accommodating UCT sheets (UCT-TM..., UCT1-TM..., UCT5-TM...)	
	USB connection cable	USB connection cable for connection to the PC or to another printing system	
	Mains connecting cable	Mains connecting cable for the socket	
	User manual	Operating instructions	






THERMOMARK PRIME consumables and accessories

 Web code: #0876	Product designation	Description	Order no.
	TMP/ACCU	Battery for THERMOMARK PRIME, NiMH 18 VDC, 2.1 Ah	0803668
	TMP/ACCU COVER	Dummy battery pack – connects the battery guide to the printer when the THERMOMARK PRIME is being used without a battery	0803669
	TMP/EXT.POWER-SUPPLY 100-240V	Printer power supply unit 100 V to 240 V	0803672
	TMP BAG	Transport bag for THERMOMARK PRIME, unequipped	0803674
	TMP CASE	Transport case for THERMOMARK PRIME, rounded profile case with aluminum frame including material case, unequipped	0803675
	MOBILE BAGPACK	Transport backpack for THERMOMARK PRIME, unequipped	0803717
	TMP-RIBBON 110 BK 101	Ink ribbon cartridge, length: 60,000 mm, width: 110 mm, color: black for large-scale printing, for text or logos for US-EMP..., US-EMLP..., US-EML..., US-EMLF..., US-PML...	0803714
	TMP-RIBBON 110 BU 100	Ink ribbon cartridge, length: 60,000 mm, width: 110 mm, color: blue, for text or logos for US-EMP..., US-EMLP..., US-EML..., US-EMLF..., US-PML...	0803378
	TMP-RIBBON 110 GN 100	Ink ribbon cartridge, length: 60,000 mm, width: 110 mm, color: green, for text or logos for US-EMP..., US-EMLP..., US-EML..., US-EMLF..., US-PML...	0803380
	TMP-RIBBON 110 RD 100	Ink ribbon cartridge, length: 60,000 mm, width: 110 mm, color: red, for text or logos for US-EMP..., US-EMLP..., US-EML..., US-EMLF..., US-PML...	0803377
	TMP-RIBBON 110 WH 100	Ink ribbon cartridge, length: 60,000 mm, width: 110 mm, color: white, for text or logos for US-EMP..., US-EMLP..., US-EML..., US-EMLF..., US-PML...	0803376
	TMP-RIBBON 110 YE 100	Ink ribbon cartridge, length: 60,000 mm, width: 110 mm, color: yellow, for text or logos for US-EMP..., US-EMLP..., US-EML..., US-EMLF..., US-PML...	0803379
	TMP-US-MAG1	Magazine for the THERMOMARK PRIME printer, for accommodating US cards	0803341
	TMP-UCT-MAG1	Magazine for the THERMOMARK PRIME printer, for accommodating UCT sheets (UCT-TM..., UCT1-TM..., UCT5-TM...)	0803342
	TMP-UCT-MAG2	Magazine for the THERMOMARK PRIME printer, for accommodating UCT sheets (UCT-TMF...)	0803343
	TMP-UCT-MAG3	Magazine for the THERMOMARK PRIME printer, for accommodating UCT sheets (UCT-WMS...)	0803344
	TMP-UCT-MAG4	Magazine for the THERMOMARK PRIME printer, for accommodating UCT sheets (UCT1-TMF...)	0803345
	TMP-UCT-MAG5	Magazine for the THERMOMARK PRIME printer, for accommodating UCT sheets (UCT2-TM...)	0803347
	TMP-UCT-MAG6	Magazine for the THERMOMARK PRIME printer, for accommodating UCT sheets (UCT2F-TM...)	0803348
	TMP-UCT-MAG7	Magazine for the THERMOMARK PRIME printer, for accommodating UCT sheets (UCT-WMT...)	0803349
Additional magazines can be found on our website under the above listed web code.			






Terminal marking

 Web code: #0877	Material group	Description	Sizes	Colors
	UCT-TM...	Markers for terminal blocks, sheet, unmarked, mounting type: snap into a tall marker groove	All common terminal block widths of 3.5 mm to 16 mm	White, red, green, blue, yellow, orange, purple
	UCT-TMF...	Markers for terminal blocks, sheet, unmarked, mounting type: snap into a flat marker groove	All common terminal block widths of 3.5 mm to 16 mm	White, red, green, blue, yellow, orange, purple
	US-TM...	Markers for terminal blocks, card, white, unmarked, mounting type: snap into a universal marker groove	104 mm x 9.8 mm	White
	US-TMF...	Markers for terminal blocks, card, white, unmarked, mounting type: snap into a flat marker groove	104 mm x 6.6 mm	White
	US-TMLF...	Markers for terminals blocks, card, white, unmarked, mounting type: stick to a flat marker groove	104 mm x 6.6 mm	White
	US-TML...	Markers for terminal blocks, card, white, unmarked, mounting type: adhesive	104 mm x 2.8 mm to 104 mm x 10 mm	White
	UCT...-TM	Markers for another manufacturer's terminal blocks, sheet, unmarked, mounting type: snap into a marker groove	Various common pitches	White, red, green, blue, yellow, orange
	UM1-TM...	Markers for marking Weidmüller, CONTA-CLIP and Klemsan terminal blocks, unmarked, mounting type: snap into a high marker groove	All common terminal block widths of 3.5 mm x 10 mm to 16 mm x 10 mm	White, red, green, blue, yellow, orange, purple
	UM1-TMF...	Markers for marking Weidmüller, CONTA-CLIP and Klemsan terminal blocks, unmarked, mounting type: snap into a flat marker groove	All common terminal block widths of 3.5 mm x 10 mm to 16 mm x 10 mm	White, red, green, blue, yellow, orange, purple
	UM...-TM	Markers for marking Wago, Wieland, Cabur, Legrand and ABB terminal blocks, unmarked, mounting type: clip-on	Various common pitches	White







Wire and cable marking

 Web code: #0878	Material group	Description	Sizes	Colors
	UCT-WMS...	Wire marking sleeve, sheet, unmarked, mounting type: slide-on	Conductor diameter 1.5 mm to 3.2 mm or 2.5 mm to 4.7 mm	White, red, green, blue, yellow, orange, purple
	UCT-WMCO...	Wire marking, sheet, unmarked, mounting type: clip-on	Conductor diameter: 2.9 mm to 4.7 mm	White, yellow
	UCT-WMT...	Wire markers, sheet, unmarked, mounting type: push-in	Various dimensions from 10 mm x 4 mm to 30 mm x 4 mm	White, red, green, blue, yellow, orange, purple
	UCT-WMTB...	Cable markers, sheet, unmarked, mounting type: cable binder mounting	29 mm x 8 mm	White, red, green, blue, yellow, gray






Wire and cable marking

 Web code: #0878	Material group	Description	Sizes	Colors
	UCT-WMTBA...	Cable markers, sheet, unmarked, mounting type: cable binder mounting	Marker sizes 24 mm x 4 mm, 29 mm x 6 mm, 40 mm x 17 mm	White, yellow
	US-WMT...	Cable markers, card, unmarked, mounting type: push-in	Various dimensions of 10 mm x 4 mm to 30 mm x 4 mm	White, red, green, blue, yellow, orange, purple
	US-WMTB...	Cable markers, card, unmarked, mounting type: cable binder mounting	Conductor diameter >4 mm or >6 mm	White
	US-WML...	Cable marker labels, card, unmarked, mounting type: adhesive	Conductor diameter >6 mm, >14 mm or >36 mm	White

Equipment marking

 Web code: #0879	Material group	Description	Sizes	Colors
	UCT-EM...	Markers for devices and switching devices from different manufacturers such as ABB, Siemens, Schneider, mounting type: snap into marker carrier	Various common pitches from 5 mm x 10 mm to 60 mm x 15 mm	White, yellow, turquoise
	US-EMP...	Snap-in markers, card, white, unmarked, mounting type: snap into marker carrier	Various common pitches from 8.8 mm x 15 mm to 100 mm x 15 mm	White, yellow, silver, red, blue
	US-EMLP...	Plastic labels, card, unmarked, mounting type: adhesive	Various common pitches from 8.8 mm x 15 mm to 104 mm x 135 mm	White, yellow, silver, red
	US-EML...	Label, card, unmarked, mounting type: adhesive	Various common pitches from 17.5 mm x 8 mm to 104 mm x 140 mm	White, yellow, silver
	US-EMSP...	Plastic labels, card, unmarked, mounting type: screws, rivets	Marker sizes 50 mm x 30 mm, 75.6 mm x 54 mm, 90 mm x 60 mm	White, yellow, silver

Plant marking

 Web code: #0880	Material group	Description	Sizes	Colors
	US-PML-W	Warning labels, card, unmarked, mounting type: adhesive	Various sizes	Yellow
	US-PML-GHS	Hazardous substance labels, card, preprinted, mounting type: adhesive	Various sizes	Red/white
	US-PML-M	Mandatory sign, card, unmarked, mounting type: adhesive	Various sizes	Blue
	US-PML-P	Prohibition sign, card, preprinted, mounting type: adhesive	Various sizes	Red/white
	US-PML-F...	Marking for fire detection systems, unmarked, mounting type: adhesive	Various sizes	Red/white, blue/white
	US-PML-ESS...	Marking for emergency stop switches, unmarked, mounting type: adhesive	Various sizes	Yellow

THERMOFOX ordering data

THERMOFOX			
 Web code: #0881	Product designation	Description	Order no.
	THERMOFOX	Printer (without accessories)	0803984
	THERMOFOX CN	Printer (without accessories), Chinese version	0803985
	THERMOFOX SET	Printer including accessories (adapter with 4 plugs, rechargeable battery, USB cable, DVD with operating instructions and driver) in hard shell case	0803986
	THERMOFOX SET CN	Printer including accessories (adapter with 4 plugs, rechargeable battery, USB cable, DVD with operating instructions and driver) in hard shell case, Chinese version	0803987
THERMOFOX accessories			
 Web code: #0882	Product designation	Description	Order no.
	THERMOFOX/CASE	Transport case for safe storage of the printer and accessory parts	0805002
	THERMOFOX/ACCU	Rechargeable battery	0805009
	THERMOFOX/ADAPTER	Power supply unit for operating the printer from the mains	0805010
	THERMOFOX/MAGNET HOLDER	Magnetic holder for fastening the printer to metallic surfaces (e.g. on the control cabinet)	0805008
	THERMOFOX/BAG	Flexible transport bag with shoulder strap	0805003
	THERMOFOX/BELT CLIP	Belt clip for fastening the printer	0805004
	THERMOFOX/CHARGER	Separate charging station for recharging the batteries	0805012

Terminal marking				
 Web code: #0883	Material group	Description	Sizes	Colors (material / ink ribbon)
	MM-TML ... (EX...) C1 TR/BK	Labels, self-adhesive for terminal marking, polyester	Various widths, for material length: 8 m	Transparent/black
	MM-TMT ... (EX...) C1 WH/BK	Marking strips, non-adhesive for terminal marking, polyester	Various widths, for material length: 5.5 m	White/black
Cable and wire marking				
 Web code: #0884	Material group	Description	Sizes	Colors (material / ink ribbon)
	MM-WMS ... (EX...) C1 WH/BK	Shrink sleeve, continuous, shrink rate 3:1	Various widths, for material length: 1.8 m	White/black
	MM-WMS-2 ... (EX...) C1 WH/BK	Shrink sleeve, continuous, shrink rate 2:1	Various widths, for material length: 1.8 m	White/black
	MM-WML ... (EX...) C1 WH/BK	Labels, self-laminating, vinyl polymer, continuous	Various widths, for material length: 6.5 m	White/black
	MM-EMT (EX...) C1 WH/BK	Marking strips, continuous, for KMK, PATG, PATO	Various widths, for material length: 5.5 m	White/black
Equipment and plant marking				
 Web code: #0885	Material group	Description	Sizes	Colors (material / ink ribbon)
	MM-EMLC (EX...) C1 WH/BK	Labels, highly-flexible polyamide	Various widths, for material length: 6 m	White/black
	MM-EML (EX...) C1...	Labels, self-adhesive, polyester	Various widths, for material length: 8 m	White/black, silver/black
	MM-EMLF (EX...) C1 .../...	Labels, self-adhesive, vinyl polymer	Various widths, for material length: 8 m	White/black, yellow/black, green/black, red/black, blue/black, orange

In dialog with customers and partners worldwide

Phoenix Contact is a globally present, Germany-based market leader. Our group is synonym for future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation. A global network across more than 100 countries, and 16,500 employees ensure a close proximity to our customers, which we believe is particularly important.

The wide variety of our innovative products makes it easy for our customers to find future-oriented solutions for different applications and industries. We especially focus on the fields of energy, infrastructure, process and factory automation.



You will find our complete product range at:
phoenixcontact.com

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
32825 Blomberg, Germany
Phone: +49 52 35 3-00
Fax: +49 52 35 3-4 12 00
E-mail: info@phoenixcontact.com
phoenixcontact.com