



Laser marker

TOPMARK NEO

MARKING system

Simply easy!

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

Your advantages

- ✓ Everything from a single source, from planning right through to the finished marking
- ✓ High-quality results in the shortest time possible, thanks to perfectly coordinated components
- ✓ Time savings, thanks to the rapid integration of our software and devices into your 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

Expert 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 individual needs.



Software

Easily plan your terminal strips using the PROJECT complete software, and create the corresponding markings in a single step.



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 for any demand.



THERMOMARK PRIME

TOPMARK NEO

Performance meets economy

The TOPMARK NEO redefines laser marking. With compact dimensions and easy operation via the integrated color touch display, it creates particularly robust industrial markings of the highest quality. It also works with particular efficiency. Equipped with a 20 W laser, the TOPMARK NEO processes up to 250 labels per minute.

Your advantages

- ✓ Avoidance of printing errors, thanks to automatic material identification
- ✓ Individual design, thanks to easy image file importing
- ✓ Clear print image, thanks to high resolution (500 dpi)
- ✓ Long-term durable marking, thanks to robust, resistant markings



High quality laser marking

The TOPMARK NEO marks various materials by engraving, carbonizing or tempering. Thus, particularly resistant markings are created for applications in extreme environmental conditions.



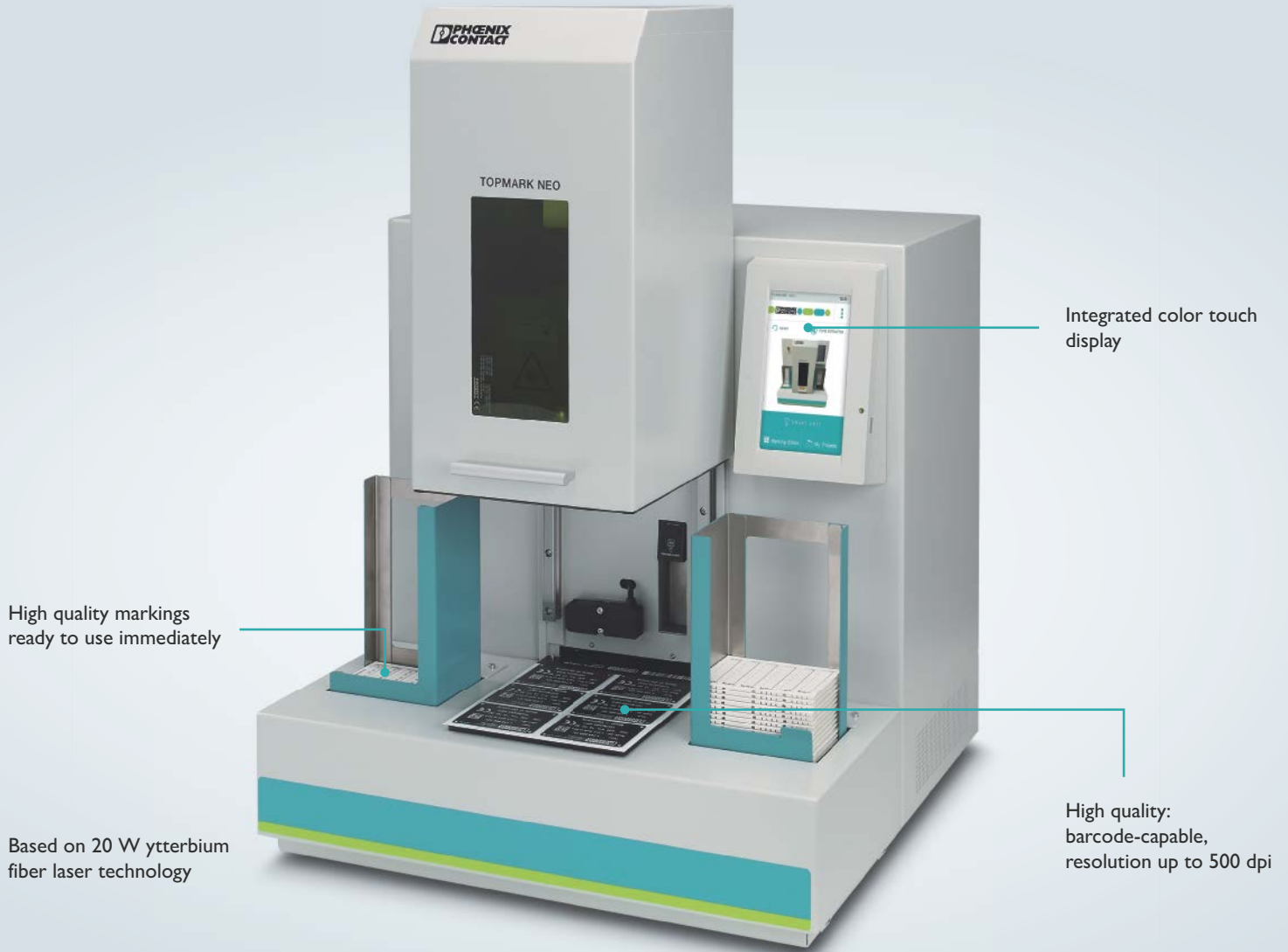
Intuitive user interface

The integrated marking software enables the entry of printing data directly at the device. Play instruction videos for startup as well as maintenance and operating instructions via the touch display.



Time saving offloading function

The automatic offloading and stacking function for UCT sheets enables efficient marking and supports the uninterrupted processing of larger projects.

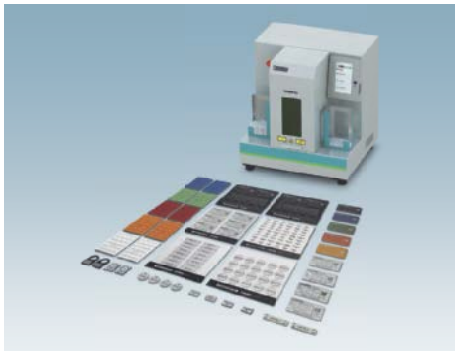


High quality markings ready to use immediately

Integrated color touch display

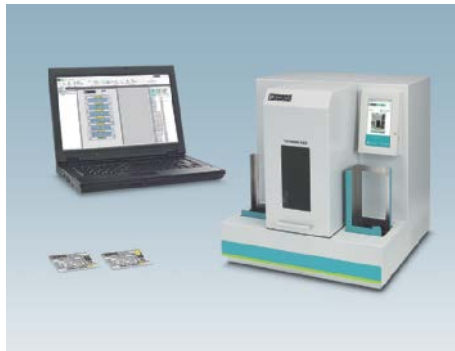
Based on 20 W ytterbium fiber laser technology

High quality: barcode-capable, resolution up to 500 dpi



Comprehensive material portfolio

Over 650 markers of stainless steel, aluminum, transply ABS, polyacrylate, and polycarbonate are available for the TOPMARK NEO. We have the right material for each of your applications, even for harsh ambient conditions.



Easy laser setup


All laser parameters for the TOPMARK NEO are stored in the PROJECT complete planning and marking software. Thus, creating marking data is extremely easy, and you do not lose any time when setting up the laser.







Environmentally sound marking

The extraction unit cleans the air in the marking area of vapors and particles, and returns the cleaned air directly to the surroundings. Thus, laser marking does not impair your working environment.





Laser marker, accessories, and marking materials

| Laser marker | | |
|---|--|--|
| TOPMARK NEO | Laser marking system | Order no. 1012015 |
| TOPMARK NEO Set | The set comprises a laser marking system and extraction unit including all necessary connecting cables and tubes | Order no. 1012018 |
|  <p>You will find further accessories for the TOPMARK NEO online at www.phoenixcontact.com</p> | Technical data | |
| | Temperature range | 5°C ... 35°C |
| | Laser type/wavelength | Ytterbium fiber laser, pulsed, 1064 nm |
| | Laser class | Laser class 1 in accordance with EN 60825-1 classification |
| | Interfaces | Ethernet, dynamic IP/RS-232/USB host for USB stick |
| | Power supply | 100 V AC ... 230 V AC / 50 Hz ... 60 Hz |
| | Resolution (theoretical) | 500 dpi without material feedback |
| | Power consumption | 250 W |
| | CW laser power | 20 W |
| | Dimensions | 580 mm x 615 mm x 485 mm |
| Weight | Approx. 55 kg | |

| Extraction unit | | |
|---|------------------------------------|---|
| TMN-EXTRACTION | TOPMARK NEO extraction unit | Order no. 1012102 |
|  | Technical data | |
| | Extraction unit | (BF 100/200R // CAB AF6) |
| | Voltage | 110 V AC ... 230 V AC / 50 Hz ... 60 Hz |
| | Power consumption | Standby <40 W/typically 400 W/max. 1100 W |
| | Dimensions | 350 mm x 880 mm x 350 mm |
| | Weight | Approx. 25 kg |
| | Connection for suction tube | Ø 50 mm |

| Cable marking – stainless steel and aluminum | | | | | | | | | |
|--|---------------------------|------------------|-------------------------|------------------|--|----------------------|-------|---|-------------------------|
| LS-WMTB ... The product ranges LS-WMTB... and LS-WMTB... in circular format are available in stainless steel (V4A) or aluminum and include markers that can be quickly and easily fitted with cable binders. | | | | | Material: V4A/aluminum Free from silicone, halogen, and cadmium | | |  | |
| | Lettering field size [mm] | Conductor Ø [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt./Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|  | 29 x 8 | 2.9 | 0.5 | 36 | 5/1 | LS-WMTB-V4A (29X8) | ○ | 0831516 | 0831802 |
| | 40 x 15 | 4.6 | 0.5 | 16 | 5/1 | LS-WMTB-V4A (40X15) | ○ | 0831517 | 0831803 |
| | 60 x 15 | 4.6 | 0.5 | 16 | 5/1 | LS-WMTB-V4A (60X15) | ○ | 0831518 | 0831804 |
| | 100 x 15 | 4.6 | 0.5 | 8 | 5/1 | LS-WMTB-V4A (100X15) | ○ | 0831519 | 0831805 |
|  | 29 x 8 | 2.9 | 0.8 | 36 | 5/1 | LS-WMTB-AL (29X8) | ● | 0831500 | 0831786 |
| | 40 x 15 | 4.6 | 0.8 | 16 | 5/1 | LS-WMTB-AL (40X15) | ● | 0831501 | 0831787 |
| | 60 x 15 | 4.6 | 0.8 | 16 | 5/1 | LS-WMTB-AL (60X15) | ● | 0831502 | 0831788 |
| | 100 x 15 | 4.6 | 0.8 | 8 | 5/1 | LS-WMTB-AL (100X15) | ● | 0831503 | 0831789 |

Marking materials

| | Diameter [mm] | Conductor Ø [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt./ Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|--|---------------|------------------|-------------------------|------------------|--------------------------|------------------------|-------|-----------|---------------|
|  | 29 x 8 | 2.9 | 0.8 | 36 | 5/1 | LS-WMTB-AL (29X8) BK | ● | 0831508 | 0831794 |
| | 40 x 15 | 4.6 | 0.8 | 16 | 5/1 | LS-WMTB-AL (40X15) BK | ● | 0831509 | 0831795 |
| | 60 x 15 | 4.6 | 0.8 | 16 | 5/1 | LS-WMTB-AL (60X15) BK | ● | 0831510 | 0831796 |
| | 100 x 15 | 4.6 | 0.8 | 8 | 5/1 | LS-WMTB-AL (100X15) BK | ● | 0831511 | 0831797 |
|  | 25 | | 0.5 | 30 | 5/1 | LS-WMTB-V4A (D25) | ○ | 0831520 | 0831806 |
| | 30 | | 0.5 | 20 | 5/1 | LS-WMTB-V4A (D30) | ○ | 0831521 | 0831807 |
|  | 25 | | 0.8 | 30 | 5/1 | LS-WMTB-AL (D25) | ● | 0831504 | 0831790 |
| | 30 | | 0.8 | 20 | 5/1 | LS-WMTB-AL (D30) | ● | 0831505 | 0831791 |
|  | 25 | | 0.8 | 30 | 5/1 | LS-WMTB-AL (D25) BK | ● | 0831512 | 0831798 |
| | 30 | | 0.8 | 20 | 5/1 | LS-WMTB-AL (D30) BK | ● | 0831513 | 0831799 |

Equipment marking – stainless steel and aluminum

LS-EMSP ...




The LS-EMSP... product range is available in stainless steel (V4A) or aluminum and includes markers that can be quickly and easily fitted with screws or rivets.

Material: V4A/aluminum










Free from silicone, halogen, and cadmium

Mounting hole Ø: 3.2 mm



| | Lettering field size [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt./ Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|--|---------------------------|-------------------------|------------------|--------------------------|-------------------------|-------|-----------|---------------|
|  | 39 x 15 | 0.5 | 24 | 5/1 | LS-EMSP-V4A (39X15) | ○ | 0831653 | 0831939 |
| | 50 x 15 | 0.5 | 16 | 5/1 | LS-EMSP-V4A (50X15) | ○ | 0831654 | 0831940 |
| | 50 x 30 | 0.5 | 10 | 5/1 | LS-EMSP-V4A (50X30) | ○ | 0831655 | 0831941 |
| | 75.6 x 54 | 0.5 | 6 | 5/1 | LS-EMSP-V4A (75,6X54) | ○ | 0831656 | 0831942 |
| | 90 x 60 | 0.5 | 2 | 5/1 | LS-EMSP-V4A (90X60) | ○ | 0831657 | 0831943 |
|  | 39 x 15 | 0.8 | 24 | 5/1 | LS-EMSP-AL (39X15) | ● | 0831615 | 0831901 |
| | 50 x 15 | 0.8 | 16 | 5/1 | LS-EMSP-AL (50X15) | ● | 0831616 | 0831902 |
| | 50 x 30 | 0.8 | 10 | 5/1 | LS-EMSP-AL (50X30) | ● | 0831617 | 0831903 |
| | 75.6 x 54 | 0.8 | 6 | 5/1 | LS-EMSP-AL (75,6X54) | ● | 0831618 | 0831904 |
| | 90 x 60 | 0.8 | 2 | 5/1 | LS-EMSP-AL (90X60) | ● | 0831619 | 0831905 |
| | 110 x 80 | 1.5 | 2 | 5/1 | LS-EMSP-AL (110X80) | ● | 0831620 | 0831906 |
| | 150 x 80 | 1.5 | 2 | 5/1 | LS-EMSP-AL (150X80) | ● | 0831621 | 0831907 |
| | 150 x 120 | 1.5 | 1 | 5/1 | LS-EMSP-AL (150X120) | ● | 0831622 | 0831908 |
|  | 39 x 15 | 0.8 | 24 | 5/1 | LS-EMSP-AL (39X15) BK | ● | 0831626 | 0831912 |
| | 50 x 15 | 0.8 | 16 | 5/1 | LS-EMSP-AL (50X15) BK | ● | 0831627 | 0831913 |
| | 50 x 30 | 0.8 | 10 | 5/1 | LS-EMSP-AL (50X30) BK | ● | 0831628 | 0831914 |
| | 75.6 x 54 | 0.8 | 6 | 5/1 | LS-EMSP-AL (75,6X54) BK | ● | 0831629 | 0831915 |
| | 90 x 60 | 0.8 | 2 | 5/1 | LS-EMSP-AL (90X60) BK | ● | 0831630 | 0831916 |
| | 110 x 80 | 1.5 | 2 | 5/1 | LS-EMSP-AL (110X80) BK | ● | 0831631 | 0831917 |
| | 150 x 80 | 1.5 | 2 | 5/1 | LS-EMSP-AL (150X80) BK | ● | 0831632 | 0831918 |
| | 150 x 120 | 1.5 | 1 | 5/1 | LS-EMSP-AL (150X120) BK | ● | 0831633 | 0831919 |
| | 170 x 180 | 1.5 | 1 | 5/1 | LS-EMSP-AL (170X180) BK | ● | 0831634 | 0831920 |

Laser marker and marking materials

| | Lettering field size [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt./ Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|---|---------------------------|-------------------------|------------------|--------------------------|-------------------------|---|-----------|---------------|
|  | 50 x 30 | 0.8 | 10 | 5/1 | LS-EMSP-AL (50X30) RD |  | 0831637 | 0831923 |
| | 50 x 30 | 0.8 | 10 | 5/1 | LS-EMSP-AL (50X30) OG |  | 0831641 | 0831927 |
| | 50 x 30 | 0.8 | 10 | 5/1 | LS-EMSP-AL (50X30) BU |  | 0831645 | 0831931 |
| | 50 x 30 | 0.8 | 10 | 5/1 | LS-EMSP-AL (50X30) GN |  | 0831649 | 0831935 |
| | 75.6 x 54 | 0.8 | 6 | 5/1 | LS-EMSP-AL (75,6X54) RD |  | 0831638 | 0831924 |
| | 75.6 x 54 | 0.8 | 6 | 5/1 | LS-EMSP-AL (75,6X54) OG |  | 0831642 | 0831928 |
| | 75.6 x 54 | 0.8 | 6 | 5/1 | LS-EMSP-AL (75,6X54) BU |  | 0831646 | 0831932 |
| | 75.6 x 54 | 0.8 | 6 | 5/1 | LS-EMSP-AL (75,6X54) GN |  | 0831650 | 0831936 |

Equipment marking – aluminum


























LS-EMLP-AL ...

The LS-EMLP-AL... aluminum product range includes self-adhesive device markers with a high adhesive strength.

Material: aluminum

Free from silicone, halogen, and cadmium



| | Lettering field size [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt./ Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|---|---------------------------|-------------------------|------------------|--------------------------|-------------------------|---|-----------|---------------|
|  | 27 x 15 | 0.8 | 40 | 5/1 | LS-EMLP-AL (27X15) |  | 0831580 | 0831866 |
| | 27 x 18 | 0.8 | 35 | 5/1 | LS-EMLP-AL (27X18) |  | 0831581 | 0831867 |
| | 49 x 15 | 0.8 | 24 | 5/1 | LS-EMLP-AL (49X15) |  | 0831582 | 0831868 |
| | 60 x 15 | 0.8 | 16 | 5/1 | LS-EMLP-AL (60X15) |  | 0831583 | 0831869 |
| | 60 x 30 | 0.8 | 10 | 5/1 | LS-EMLP-AL (60X30) |  | 0831584 | 0831870 |
| | 85.6 x 54 | 0.8 | 6 | 5/1 | LS-EMLP-AL (85,6X54) |  | 0831585 | 0831871 |
| | 100 x 60 | 0.8 | 2 | 5/1 | LS-EMLP-AL (100X60) |  | 0831586 | 0831872 |
|  | 27 x 15 | 0.8 | 40 | 5/1 | LS-EMLP-AL (27X15) BK |  | 0831589 | 0831875 |
| | 27 x 18 | 0.8 | 35 | 5/1 | LS-EMLP-AL (27X18) BK |  | 0831590 | 0831876 |
| | 49 x 15 | 0.8 | 24 | 5/1 | LS-EMLP-AL (49X15) BK |  | 0831591 | 0831877 |
| | 60 x 15 | 0.8 | 16 | 5/1 | LS-EMLP-AL (60X15) BK |  | 0831592 | 0831878 |
| | 60 x 30 | 0.8 | 10 | 5/1 | LS-EMLP-AL (60X30) BK |  | 0831593 | 0831879 |
| | 85.6 x 54 | 0.8 | 6 | 5/1 | LS-EMLP-AL (85,6X54) BK |  | 0831594 | 0831880 |
| | 100 x 60 | 0.8 | 2 | 5/1 | LS-EMLP-AL (100X60) BK |  | 0831595 | 0831881 |
|  | 60 x 30 | 0.8 | 10 | 5/1 | LS-EMLP-AL (60X30) RD |  | 0831598 | 0831884 |
| | 60 x 30 | 0.8 | 10 | 5/1 | LS-EMLP-AL (60X30) OG |  | 0831602 | 0831888 |
| | 60 x 30 | 0.8 | 10 | 5/1 | LS-EMLP-AL (60X30) BU |  | 0831606 | 0831892 |
| | 60 x 30 | 0.8 | 10 | 5/1 | LS-EMLP-AL (60X30) GN |  | 0831610 | 0831896 |
| | 85.6 x 54 | 0.8 | 6 | 5/1 | LS-EMLP-AL (85,6X54) RD |  | 0831599 | 0831885 |
| | 85.6 x 54 | 0.8 | 6 | 5/1 | LS-EMLP-AL (85,6X54) OG |  | 0831603 | 0831889 |
| | 85.6 x 54 | 0.8 | 6 | 5/1 | LS-EMLP-AL (85,6X54) BU |  | 0831607 | 0831893 |
| | 85.6 x 54 | 0.8 | 6 | 5/1 | LS-EMLP-AL (85,6X54) GN |  | 0831611 | 0831897 |

Laser marker and marking materials

Equipment marking – aluminum

LS-EMP-AL ...

The LS-EMP-AL ... aluminum product range includes markers that can be quickly and easily fitted into CARRIER-EMP ... marker carriers (for accessories, see main catalog 3).

Material: aluminum

Free from silicone, halogen, and cadmium



| | Lettering field size [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt./ Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|--|---------------------------|-------------------------|------------------|--------------------------|------------------------|-------|-----------|---------------|
| | 27 x 15 | 0.8 | 40 | 5/1 | LS-EMP-AL (27X15) | ● | 0831661 | 0831947 |
| | 27 x 18 | 0.8 | 35 | 5/1 | LS-EMP-AL (27X18) | ● | 0831662 | 0831948 |
| | 49 x 15 | 0.8 | 24 | 5/1 | LS-EMP-AL (49X15) | ● | 0831663 | 0831949 |
| | 60 x 15 | 0.8 | 16 | 5/1 | LS-EMP-AL (60X15) | ● | 0831664 | 0831950 |
| | 60 x 30 | 0.8 | 10 | 5/1 | LS-EMP-AL (60X30) | ● | 0831665 | 0831951 |
| | 85.6 x 54 | 0.8 | 6 | 5/1 | LS-EMP-AL (85,6X54) | ● | 0831666 | 0831952 |
| | 100 x 60 | 0.8 | 2 | 5/1 | LS-EMP-AL (100X60) | ● | 0831667 | 0831953 |
| | 27 x 15 | 0.8 | 40 | 5/1 | LS-EMP-AL (27X15) BK | ● | 0831669 | 0831955 |
| | 27 x 18 | 0.8 | 35 | 5/1 | LS-EMP-AL (27X18) BK | ● | 0831670 | 0831956 |
| | 49 x 15 | 0.8 | 24 | 5/1 | LS-EMP-AL (49X15) BK | ● | 0831671 | 0831957 |
| | 60 x 15 | 0.8 | 16 | 5/1 | LS-EMP-AL (60X15) BK | ● | 0831672 | 0831958 |
| | 60 x 30 | 0.8 | 10 | 5/1 | LS-EMP-AL (60X30) BK | ● | 0831673 | 0831959 |
| | 85.6 x 54 | 0.8 | 6 | 5/1 | LS-EMP-AL (85,6X54) BK | ● | 0831674 | 0831960 |
| | 100 x 60 | 0.8 | 2 | 5/1 | LS-EMP-AL (100X60) BK | ● | 0831675 | 0831961 |

Equipment marking – plastic with hole for switch

LS-EMLP 24/30/32 ...

The LS-EMLP 24/30/32... product range includes self-adhesive double-layer plastic device markers with a hole for the switch.

Material: aluminum




Temperature: -20°C to 85°C

Free from silicone and halogen



| | Lettering field size [mm] | Hole Ø [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt./ Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|--|---------------------------|-------------|-------------------------|------------------|--------------------------|-----------------------|-------|-----------|---------------|
| | 30 x 12 | 24 | 0.8 | 20 | 10/1 | LS-EMLP 24 (30X12) WH | ○ | 0831700 | 0831986 |
| | 30 x 12 | 24 | 0.8 | 20 | 10/1 | LS-EMLP 24 (30X12) YE | ● | 0831754 | 0832040 |
| | 30 x 12 | 24 | 0.8 | 20 | 10/1 | LS-EMLP 24 (30X12) SR | ● | 0831727 | 0832013 |
| | 45 x 10 | 30 | 0.8 | 9 | 10/1 | LS-EMLP 30 (45X10) WH | ○ | 0831701 | 0831987 |
| | 45 x 10 | 30 | 0.8 | 9 | 10/1 | LS-EMLP 30 (45X10) YE | ● | 0831755 | 0832041 |
| | 45 x 10 | 30 | 0.8 | 9 | 10/1 | LS-EMLP 30 (45X10) SR | ● | 0831728 | 0832014 |
| | 38 x 14 | 32 | 0.8 | 12 | 10/1 | LS-EMLP 32 (38X14) WH | ○ | 0831702 | 0831988 |
| | 38 x 14 | 32 | 0.8 | 12 | 10/1 | LS-EMLP 32 (38X14) YE | ● | 0831756 | 0832042 |
| | 38 x 14 | 32 | 0.8 | 12 | 10/1 | LS-EMLP 32 (38X14) SR | ● | 0831729 | 0832015 |

Laser marker and marking materials

| Equipment marking – plastic | | | | | | | | |
|--|---------------------------|-------------------------|------------------|--------------------------|--|---------|---|---------------|
| LS-EMLP ... The LS-EMLP... product range includes self-adhesive double-layer plastic device markers. | | | | | Material: TRANSPLY-ABS Temperature: -20°C to 85°C Free from silicone and halogen | |  | |
| | Lettering field size [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt./ Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|  | 11 x 9 | 0.8 | 255 | 10/1 | LS-EMLP (11X9) WH | ○ | 0831678 | 0831964 |
| | 13 x 9 | 0.8 | 221 | 10/1 | LS-EMLP (13X9) WH | ○ | 0831679 | 0831965 |
| | 17 x 7 | 0.8 | 220 | 10/1 | LS-EMLP (17X7) WH | ○ | 0831680 | 0831966 |
| | 17 x 9 | 0.8 | 170 | 10/1 | LS-EMLP (17X9) WH | ○ | 0831681 | 0831967 |
| | 17.5 x 12 | 0.8 | 130 | 10/1 | LS-EMLP (17,5X12) WH | ○ | 0831682 | 0831968 |
| | 17.5 x 15 | 0.8 | 100 | 10/1 | LS-EMLP (17,5X15) WH | ○ | 0831683 | 0831969 |
| | 20 x 7 | 0.8 | 176 | 10/1 | LS-EMLP (20X7) WH | ○ | 0831684 | 0831970 |
| | 20 x 8 | 0.8 | 160 | 10/1 | LS-EMLP (20X8) WH | ○ | 0831685 | 0831971 |
| | 22 x 12 | 0.8 | 104 | 10/1 | LS-EMLP (22X12) WH | ○ | 0831686 | 0831972 |
| | 22 x 22 | 0.8 | 56 | 10/1 | LS-EMLP (22X22) WH | ○ | 0831687 | 0831973 |
| | 27 x 8 | 0.8 | 120 | 10/1 | LS-EMLP (27X8) WH | ○ | 0831688 | 0831974 |
| | 27 x 12.5 | 0.8 | 78 | 10/1 | LS-EMLP (27X12,5) WH | ○ | 0831689 | 0831975 |
| | 27 x 15 | 0.8 | 60 | 10/1 | LS-EMLP (27X15) WH | ○ | 0831690 | 0831976 |
| | 27 x 18 | 0.8 | 54 | 10/1 | LS-EMLP (27X18) WH | ○ | 0831691 | 0831977 |
| | 27 x 27 | 0.8 | 36 | 10/1 | LS-EMLP (27X27) WH | ○ | 0831692 | 0831978 |
| | 45 x 14 | 0.8 | 33 | 10/1 | LS-EMLP (45X14) WH | ○ | 0831693 | 0831979 |
| | 45 x 5 | 0.8 | 30 | 10/1 | LS-EMLP (45X15) WH | ○ | 0831694 | 0831980 |
| | 49 x 15 | 0.8 | 30 | 10/1 | LS-EMLP (49X15) WH | ○ | 0831695 | 0831981 |
| | 60 x 15 | 0.8 | 20 | 10/1 | LS-EMLP (60X15) WH | ○ | 0831696 | 0831982 |
| | 60 x 30 | 0.8 | 10 | 10/1 | LS-EMLP (60X30) WH | ○ | 0831697 | 0831983 |
| 85.6 x 54 | 0.8 | 6 | 10/1 | LS-EMLP (85,6X54) WH | ○ | 0831698 | 0831984 | |
| 10 x 60 | 0.8 | 2 | 10/1 | LS-EMLP (100X60) WH | ○ | 0831699 | 0831985 | |
|  | 11 x 9 | 0.8 | 255 | 10/1 | LS-EMLP (11X9) YE | ● | 0831732 | 0832018 |
| | 13 x 9 | 0.8 | 221 | 10/1 | LS-EMLP (13X9) YE | ● | 0831733 | 0832019 |
| | 17 x 7 | 0.8 | 220 | 10/1 | LS-EMLP (17X7) YE | ● | 0831734 | 0832020 |
| | 17 x 9 | 0.8 | 170 | 10/1 | LS-EMLP (17X9) YE | ● | 0831735 | 0832021 |
| | 17.5 x 12 | 0.8 | 130 | 10/1 | LS-EMLP (17,5X12) YE | ● | 0831736 | 0832022 |
| | 17.5 x 15 | 0.8 | 100 | 10/1 | LS-EMLP (17,5X15) YE | ● | 0831737 | 0832023 |
| | 20 x 7 | 0.8 | 176 | 10/1 | LS-EMLP (20X7) YE | ● | 0831738 | 0832024 |
| | 20 x 8 | 0.8 | 160 | 10/1 | LS-EMLP (20X8) YE | ● | 0831739 | 0832025 |
| | 22 x 12 | 0.8 | 104 | 10/1 | LS-EMLP (22X12) YE | ● | 0831740 | 0832026 |
| | 22 x 22 | 0.8 | 56 | 10/1 | LS-EMLP (22X22) YE | ● | 0831741 | 0832027 |
| | 27 x 8 | 0.8 | 120 | 10/1 | LS-EMLP (27X8) YE | ● | 0831742 | 0832028 |
| | 27 x 12.5 | 0.8 | 78 | 10/1 | LS-EMLP (27X12,5) YE | ● | 0831743 | 0832029 |
| | 27 x 15 | 0.8 | 60 | 10/1 | LS-EMLP (27X15) YE | ● | 0831744 | 0832030 |
| | 27 x 18 | 0.8 | 54 | 10/1 | LS-EMLP (27X18) YE | ● | 0831745 | 0832031 |
| | 27 x 27 | 0.8 | 36 | 10/1 | LS-EMLP (27X27) YE | ● | 0831746 | 0832032 |
| | 45 x 14 | 0.8 | 33 | 10/1 | LS-EMLP (45X14) YE | ● | 0831747 | 0832033 |
| | 45 x 15 | 0.8 | 30 | 10/1 | LS-EMLP (45X15) YE | ● | 0831748 | 0832034 |
| | 49 x 15 | 0.8 | 30 | 10/1 | LS-EMLP (49X15) YE | ● | 0831749 | 0832035 |
| | 60 x 15 | 0.8 | 20 | 10/1 | LS-EMLP (60X15) YE | ● | 0831750 | 0832036 |
| | 60 x 30 | 0.8 | 10 | 10/1 | LS-EMLP (60X30) YE | ● | 0831751 | 0832037 |
| 85.6 x 54 | 0.8 | 6 | 10/1 | LS-EMLP (85,6X54) YE | ● | 0831752 | 0832038 | |
| 100 x 60 | 0.8 | 2 | 10/1 | LS-EMLP (100X60) YE | ● | 0831753 | 0832039 | |

Laser marker and marking materials


Equipment marking – plastic

LS-EMLP ...

The LS-EMLP... product range includes self-adhesive double-layer plastic device markers.

Material: TRANSPLY-ABS
Temperature: -20°C to 85°C
Free from silicone and halogen



| | Lettering field size [mm] | Material thickness [mm] | Labels per sheet | Pcs./Pkt. / Pcs./Pkt. CUS | Type | Color | Order no. | Order no. CUS |
|---|---------------------------|-------------------------|------------------|---------------------------|----------------------|---------|-----------|---------------|
|  | 11 x 9 | 0.8 | 255 | 10/1 | LS-EMLP (11X9) SR | ○ | 0831705 | 0831991 |
| | 13 x 9 | 0.8 | 221 | 10/1 | LS-EMLP (13X9) SR | ○ | 0831706 | 0831992 |
| | 17 x 7 | 0.8 | 220 | 10/1 | LS-EMLP (17X7) SR | ○ | 0831707 | 0831993 |
| | 17 x 9 | 0.8 | 170 | 10/1 | LS-EMLP (17X9) SR | ○ | 0831708 | 0831994 |
| | 17.5 x 12 | 0.8 | 130 | 10/1 | LS-EMLP (17,5X12) SR | ○ | 0831709 | 0831995 |
| | 17.5 x 15 | 0.8 | 100 | 10/1 | LS-EMLP (17,5X15) SR | ○ | 0831710 | 0831996 |
| | 20 x 7 | 0.8 | 176 | 10/1 | LS-EMLP (20X7) SR | ○ | 0831711 | 0831997 |
| | 20 x 8 | 0.8 | 160 | 10/1 | LS-EMLP (20X8) SR | ○ | 0831712 | 0831998 |
| | 22 x 12 | 0.8 | 104 | 10/1 | LS-EMLP (22X12) SR | ○ | 0831713 | 0831999 |
| | 22 x 22 | 0.8 | 56 | 10/1 | LS-EMLP (22X22) SR | ○ | 0831714 | 0832000 |
| | 27 x 8 | 0.8 | 120 | 10/1 | LS-EMLP (27X8) SR | ○ | 0831715 | 0832001 |
| | 27 x 12.5 | 0.8 | 78 | 10/1 | LS-EMLP (27X12,5) SR | ○ | 0831716 | 0832002 |
| | 27 x 15 | 0.8 | 60 | 10/1 | LS-EMLP (27X15) SR | ○ | 0831717 | 0832003 |
| | 27 x 18 | 0.8 | 54 | 10/1 | LS-EMLP (27X18) SR | ○ | 0831718 | 0832004 |
| | 27 x 27 | 0.8 | 36 | 10/1 | LS-EMLP (27X27) SR | ○ | 0831719 | 0832005 |
| | 45 x 14 | 0.8 | 33 | 10/1 | LS-EMLP (45X14) SR | ○ | 0831720 | 0832006 |
| | 45 x 15 | 0.8 | 30 | 10/1 | LS-EMLP (45X15) SR | ○ | 0831721 | 0832007 |
| | 49 x 15 | 0.8 | 30 | 10/1 | LS-EMLP (49X15) SR | ○ | 0831722 | 0832008 |
| | 60 x 15 | 0.8 | 20 | 10/1 | LS-EMLP (60X15) SR | ○ | 0831723 | 0832009 |
| | 60 x 30 | 0.8 | 10 | 10/1 | LS-EMLP (60X30) SR | ○ | 0831724 | 0832010 |
| 85.6 x 54 | 0.8 | 6 | 10/1 | LS-EMLP (85,6X54) SR | ○ | 0831725 | 0832011 | |
| 100 x 60 | 0.8 | 2 | 10/1 | LS-EMLP (100X60) SR | ○ | 0831726 | 0832012 | |


Equipment marking – laser foil

LS-EML ...

The LS-EML... product range includes self-adhesive, double-layer plastic foil labels that can be custom designed.

Material: polyacrylate
Temperature: -40°C to 300°C
Free from silicone and halogen



| | Lettering field size in mm | Pcs./Pkt. / Pcs./Pkt. CUS | Max. area that can be labeled [mm] | Type | Color | Order no. | Order no. CUS |
|--|----------------------------|---------------------------|------------------------------------|------------------------|-------|-----------|---------------|
|  | 180 x 180 | 10/1 | 180 x 180 | LS-EML (180X180) BK-WH | ● | 0831784 | 0832070 |

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

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