Device marking - MARKING system

Identifying electrical and electronic control cabinets does not just make service work easier. In some sectors, it is actually a mandatory requirement. Moreover, equipment identification improves the quality of the control cabinets and systems.

Phoenix Contact offers a variety of different markers for device marking. From adhesive labels to high-quality engraving labels, the wide marker range caters for every application.

A variety of printing systems is available for labeling or engraving.

<table>
<thead>
<tr>
<th>Product range overview</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Device marking</strong></td>
</tr>
<tr>
<td><strong>EM... AL aluminum device marking</strong></td>
</tr>
<tr>
<td>Designed to be stuck on, screwed in or riveted or snapped into marker carriers</td>
</tr>
<tr>
<td><strong>UniCard UC-EM... and UCT-EM... device marking</strong></td>
</tr>
<tr>
<td>Designed to be stuck on, screwed in or riveted or snapped into marker carriers</td>
</tr>
<tr>
<td>Snap-in, for devices from Phoenix Contact and other manufacturers</td>
</tr>
<tr>
<td><strong>UniSheet US-EM... device marking</strong></td>
</tr>
<tr>
<td>Designed to be stuck on, screwed in or riveted or snapped into marker carriers, labels, and combi labels</td>
</tr>
<tr>
<td><strong>EM... device marking, labels supplied in rolls</strong></td>
</tr>
<tr>
<td>Labels for buttons, continuous and textile labels, labels for rough surfaces, for high-temperature and ESD applications, removable labels, labels with anti-tamper protection</td>
</tr>
<tr>
<td>Insert strips for devices from Phoenix Contact and other manufacturers</td>
</tr>
<tr>
<td><strong>BMK... device marking, labels supplied as DIN A sheets</strong></td>
</tr>
<tr>
<td><strong>GPE... and EMLP... device marking, markers for printing or engraving</strong></td>
</tr>
<tr>
<td><strong>Marker carriers and profiles</strong></td>
</tr>
<tr>
<td><strong>Device marking overview</strong></td>
</tr>
<tr>
<td>The right marking solution for every device</td>
</tr>
<tr>
<td>Phoenix Contact</td>
</tr>
<tr>
<td>Other manufacturers</td>
</tr>
<tr>
<td><strong>Ordering example for labeling service - printed for you</strong></td>
</tr>
</tbody>
</table>
Explicit marking of electrical and electronic control cabinet components is essential for safe and efficient work. As with comprehensive technical documentation, labeling all operating equipment increases the availability of the switchgear and simplifies maintenance.

Last but not least, equipment identification improves the quality of the control cabinets and systems.

Phoenix Contact offers a wide range of labels and tags. Depending on the type, they can be labeled using BLUERMARK, thermal transfer printers, the plotter, engraving devices, commercially available desktop laser printers or by hand.

For the BLUERMARK CLED and THERMOMARK CARD, there is a complete range of plastic labels available for control cabinets as well as for buttons and switchgear.

The labels of all the various printing systems feature a high level of wipe and scratch resistance.

The self-adhesive labels are made from a two-layer material and are highly durable, e.g., where buttons and switches are subject to frequent use. The best way to mark these labels is to use the engraving device of the CMS-P1-PLOTTER plotter.

Please contact us if you are unable to find a suitable size or color for your application from the options available in our product range.

It goes without saying that Phoenix Contact also offers a comprehensive engraving and labeling service for device marking applications. Test us out!
Device markers are available in various sizes, materials, and colors. The self-adhesive labels have been designed for use in a wide temperature range.

Drilled labels are available for marking devices and control cabinets. These can be securely attached to the device using screws or rivets.

The CARRIER labeling system is the perfect choice for labeling buttons. It consists of a carrier plus marking label and can be used in control cabinets as well as in the field.

High-temperature labels are ideal for marking PCBs. These labels can safely and permanently withstand temperatures of -40°C to 180°C, or a temperature of 300°C for up to 60 seconds.

Tamper-proof labels are used as rating plates or seals. When they are peeled off, part of the metallic layer comes away, leaving behind a pattern on both the label and the surface.

GPE label sheets consist of a two-layer material that is ideal for engraving. However, the pre-fabricated self-adhesive labels can also be labeled directly by hand or using a plotter.

In the case of small print volumes, labels can also be printed using commercially available desktop laser printers. Copy sheets are provided with margins to make it easier to remove individual labels.

The self-adhesive markers are available in various shapes and sizes. They can be used to mark components, devices, and buttons and are highly resistant to chemical and mechanical effects.

Self-adhesive marker carriers are used in conjunction with marking labels for the purpose of labeling devices and modules. The carriers can be stuck onto all standard surfaces.
## Marking and labeling - MARKING system

### Device marking

#### Stick-on aluminum device marking

- The aluminum EMLP-AL... product range includes self-adhesive device markers with a high adhesive strength and is characterized by the following:
- The markers can be labeled quickly, easily, and cost-effectively with the BLUEMARK CLED
- Labeling service: Phoenix Contact can custom-label EMLP ... markers according to your requirements

- A wide range of different marker sizes is available for custom designs. Formats from 27 x 15 to 100 x 60 mm cover the entire range of device and system marking

- By using modern UV LED printing technology, a highly resistant and optimum printing quality can be achieved, which is resistant to solvents and suitable for use even under harsh industrial conditions

- In conjunction with magazines, optimum printing accuracy is guaranteed

---

### General data

<table>
<thead>
<tr>
<th>Can be printed with:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Material</strong></td>
</tr>
<tr>
<td>Wipe resistance</td>
</tr>
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### Description | Color

<table>
<thead>
<tr>
<th>Marking label, aluminum, self-adhesive, 0.8 mm thick</th>
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</thead>
<tbody>
<tr>
<td>Lettering field size: 27 x 15 mm</td>
</tr>
<tr>
<td>Lettering field size: 27 x 18 mm</td>
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<tr>
<td>Lettering field size: 49 x 15 mm</td>
</tr>
<tr>
<td>Lettering field size: 60 x 15 mm</td>
</tr>
<tr>
<td>Lettering field size: 60 x 30 mm</td>
</tr>
<tr>
<td>Lettering field size: 85.6 x 54 mm</td>
</tr>
<tr>
<td>Lettering field size: 100 x 60 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Marking label, aluminum, self-adhesive, 0.8 mm thick, labeled according to customer specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lettering field size: 27 x 15 mm</td>
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<tr>
<td>Lettering field size: 27 x 18 mm</td>
</tr>
<tr>
<td>Lettering field size: 49 x 15 mm</td>
</tr>
<tr>
<td>Lettering field size: 60 x 15 mm</td>
</tr>
<tr>
<td>Lettering field size: 60 x 30 mm</td>
</tr>
<tr>
<td>Lettering field size: 85.6 x 54 mm</td>
</tr>
<tr>
<td>Lettering field size: 100 x 60 mm</td>
</tr>
</tbody>
</table>

### Magazine, for BLUEMARK CLED

| for accommodating EMP-AL (27X15), EMLP-AL (27X15) |
| for accommodating EMP-AL (27X18), EMLP-AL (27X18) |
| for accommodating EMLP-AL (49X15), EMLP-AL (49X15), EMSP-AL (50X15) |
| for accommodating EMLP-AL (60X15), EMLP-AL (60X15), EMSP-AL (50X15) |
| for accommodating EMLP-AL (60X30), EMLP-AL (60X30), EMSP-AL (50X30) |
| for accommodating EMLP-AL (85X64), EMLP-AL (85X64), EMSP-AL (75X64) |
| for accommodating EMLP-AL (10X60), EMSP-AL (90X60) |

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### Notes:

1) For ordering example, see page 359.
### Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMLP-AL (27X15)</td>
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<tr>
<td>EMLP-AL (27X18)</td>
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<td>EMLP-AL (60X15)</td>
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</tr>
<tr>
<td>EMLP-AL (60X30)</td>
<td>0830513</td>
<td>45</td>
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<tr>
<td>EMLP-AL (85,6X54)</td>
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<td>15</td>
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<tr>
<td>EMLP-AL (100X60)</td>
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### Ordering data

<table>
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<tr>
<td>EMLP-AL (60X15)</td>
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</tr>
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<td>EMLP-AL (100X60)</td>
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### Accessories

<table>
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<tr>
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<th>Order No.</th>
<th>Pcs.</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
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<td>BLUEMARK MAG EM-M (27X18)</td>
<td>0802737</td>
<td>1</td>
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<tr>
<td>BLUEMARK MAG EM-M (49X15)</td>
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<td>1</td>
</tr>
<tr>
<td>BLUEMARK MAG EM-M (60X15)</td>
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<tr>
<td>BLUEMARK MAG EM-M (60X30)</td>
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<tr>
<td>BLUEMARK MAG EM-M (85,6X54)</td>
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</tr>
<tr>
<td>BLUEMARK MAG EM-M (100X60)</td>
<td>0802742</td>
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</tr>
</tbody>
</table>
Aluminum device marking for screwing or riveting

- The aluminum EMSP-AL … product range includes markers that can be quickly and easily fitted with screws or rivets and is characterized by the following:
- High-quality appearance
- The markers can be labeled quickly, easily, and cost-effectively with the BLUEMARK CLED
- By using modern UV LED printing technology, a highly resistant and optimum printing quality can be achieved, which is resistant to solvents and suitable for use even under harsh industrial conditions
- Labeling service: Phoenix Contact can custom-label EMSP … markers according to your requirements
- In conjunction with magazines, optimum printing accuracy is guaranteed

Can be printed with:

Unlabeled or labeled according to customer specifications

Notes:
For corresponding rivets for fixing the EMSP-AL …, see page 370.
For drilling diagrams, visit www.phoenixcontact.net/products.
1) For ordering example, see page 359.
Aluminum device marking for snapping into marker carriers

Can be printed with:

![UV LED technology]

UV LED technology

Unlabeled or labeled according to customer specifications

Technical data

<table>
<thead>
<tr>
<th>BLUEMARK CLED</th>
<th>Aluminum</th>
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<tr>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
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Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
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</thead>
<tbody>
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<td>EMP-AL (27X15)</td>
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<tr>
<td>EMP-AL (27X18)</td>
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<tr>
<td>EMP-AL (49X15)</td>
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</tr>
<tr>
<td>EMP-AL (60X15)</td>
<td>0830779</td>
<td>45</td>
</tr>
<tr>
<td>EMP-AL (60X30)</td>
<td>0830796</td>
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</tr>
<tr>
<td>EMP-AL (85.6X54)</td>
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<td>EMP-AL (27X15) CUS</td>
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<tr>
<td>EMP-AL (27X18) CUS</td>
<td>0830799</td>
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<tr>
<td>EMP-AL (49X15) CUS</td>
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<tr>
<td>EMP-AL (60X15) CUS</td>
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<tr>
<td>EMP-AL (60X30) CUS</td>
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<td>1</td>
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<tr>
<td>EMP-AL (85.6X54) CUS</td>
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Accessories

<table>
<thead>
<tr>
<th>Magazine, for BLUEMARK CLED</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
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</thead>
<tbody>
<tr>
<td>for accommodating EMP-AL (27X15), EMLP-AL (27X15)</td>
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<tr>
<td>for accommodating EMP-AL (27X18), EMLP-AL (27X18)</td>
<td>0802737</td>
<td>1</td>
</tr>
<tr>
<td>for accommodating EMP-AL (49X15), EMLP-AL (49X15), EMS-P-AL (39X15)</td>
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<td>1</td>
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<tr>
<td>for accommodating EMP-AL (60X15), EMLP-AL (60X15), EMS-P-AL (50X30)</td>
<td>0802739</td>
<td>1</td>
</tr>
<tr>
<td>for accommodating EMP-AL (60X30), EMLP-AL (60X30), EMS-P-AL (50X30)</td>
<td>0802740</td>
<td>1</td>
</tr>
<tr>
<td>for accommodating EMP-AL (85.6X54), EMLP-AL (85.6X54), EMS-P-AL (75.6X54)</td>
<td>0802741</td>
<td>1</td>
</tr>
<tr>
<td>for accommodating EMLP-AL (100X60), EMS-P-AL (90X60)</td>
<td>0802742</td>
<td>1</td>
</tr>
</tbody>
</table>

Notes:

1) For ordering example, see page 359.

For additional information, visit www.phoenixcontact.net/products
Unlabeled

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- The UC-EMLP ... UniCard labeling range includes self-adhesive device markers with good adhesive properties
- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK CLED
- The format automatically ensures printing with a high level of positional accuracy
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field
- The sheets provide space for including function texts

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### Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
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</thead>
<tbody>
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<tr>
<td>BLUERMARK LED</td>
<td>0820094</td>
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</tr>
<tr>
<td>CMS-P1-PLOTTER</td>
<td>0819292</td>
<td>10</td>
</tr>
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### Ordering data

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<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
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</thead>
<tbody>
<tr>
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<td>UC-EMLP (11X9)</td>
<td>0819291</td>
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<td>0820094</td>
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<tr>
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<td>10-section, lettering field size: 15 x 5 mm</td>
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<td>UC-EMLP (17X9)</td>
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<td>UC-EMLP (17X9) YE</td>
<td>0820099</td>
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<tr>
<td>10-section, lettering field size: 17 x 9 mm</td>
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<td>UC-EMLP (17X9) SR</td>
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<td>10-section, lettering field size: 17 x 15 mm</td>
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<tr>
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<td>0828091</td>
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</table>

### Accessories

| Magazine, for CMS-P1-PLOTTER | P1 UC-MAG 6 | 5146121 | 1 |
UniCard stick-on device marking

- All UC-EMLP ... self-adhesive device markers can also be supplied labeled according to customer requirements

Notes:  
1) For ordering example, see page 359.

### Technical data

<table>
<thead>
<tr>
<th>Material</th>
<th>Inflammability class according to UL 94</th>
<th>Temperature range [°C]</th>
<th>Wipe resistance DIN EN 61010-1 (VDE 0411-1)</th>
<th>Components</th>
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<td>free from silicone and halogen</td>
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<th>Order No.</th>
<th>Pcs. / Pkt.</th>
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</table>
Marking and labeling - MARKING system

Device marking

UniCard device marking for screwing or riveting

- The UC-EMSP ... UniCard labeling range includes markers that can be attached using screws or rivets
- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK CLED
- The format automatically ensures printing with a high level of positional accuracy
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field
- The sheets provide space for including function texts
- Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements

Can be printed with:

- UV LED technology
- Plotter

Unlabeled or labeled according to customer specifications

Notes:

For corresponding rivets for fixing the UC-EMSP ... see page 370.
For drilling diagrams, visit www.phoenixcontact.net/products.
1) For ordering example, see page 359.

Technical data

BLUEMARK CLED • BLUEMARK LED • CMS-P1-PLOTTER
PA
V2
-40 ... 120
DIN EN 61010-1 (VDE 0411-1)
free from silicone and halogen

Ordering data

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Accessories

Magazine, for CMS-P1-PLOTTER

| P1 UC-MAG 6 | 5146121 | 1 |
Unlabeled or labeled according to customer specifications

---

### General data
Can be printed with:
- **UV LED technology**
- **Plotter**

---

#### Technical data

**BLUERMARK CLED • BLUERMARK LED • CMS-P1- PLOTTER**

- **PA**
- **V2**
- **-40 ... 120**
- **DIN EN 61010-1 (VDE 0411-1)**
- **Free from silicone and halogen**

---

#### Ordering data

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<thead>
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<th>Description</th>
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### Accessories

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### Notes:
- For matching label frames, see page 296.
- *) For ordering example, see page 359.
Marking and labeling - MARKING system

Device marking

UniCard device marking that can be snapped into marker carriers

- The UC-EMP ... UniCard labeling range includes markers for all applications
- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK CLED
- The format automatically ensures printing with a high level of positional accuracy
- The UC-EMP ... device markers are ideal for fitting into existing CARRIER-EMP ... label frames
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field
- The sheets provide space for including function texts

Notes:
For matching label frames, see page 296.

Technical data

Can be printed with:

UV LED technology
Plotter

Unlabeled

General data

Can be printed with:
Material: PA
Inflammability class according to UL 94: V2
Temperature range [°C]: -40 ... 120
Wipe resistance DIN EN 61010-1 (VDE 0411-1): free from silicone and halogen

Components

Ordering data

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<td>10</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>UC-EMP (27X18) SR</td>
<td>0825447</td>
<td>10</td>
</tr>
<tr>
<td>6-section, lettering field size: 27 x 27 mm</td>
<td>white</td>
<td>UC-EMP (27X27)</td>
<td>0825451</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>UC-EMP (27X27) YE</td>
<td>0825452</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>UC-EMP (27X27) SR</td>
<td>0825453</td>
<td>10</td>
</tr>
</tbody>
</table>

Accessories

| Magazine, for CMS-P1-PLOTTER                      |          | P1 UC-MAG 6  | 5146121   | 1            |

Notes:
For matching label frames, see page 296.
### Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Material</th>
<th>Temperature range</th>
<th>Inflammability class according to UL 94</th>
<th>Wipe resistance DIN EN 61010-1 (VDE 0411-1)</th>
<th>Components free from silicone and halogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniCard, 1.2 mm thick, labeled acc. to customer specifications</td>
<td></td>
<td>PA</td>
<td>-40 ... 120</td>
<td>V2</td>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
<td>free from silicone and halogen</td>
</tr>
</tbody>
</table>

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-EMP (27X8) CUS</td>
<td>0827631</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X8) YE CUS</td>
<td>0827640</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X8) SR CUS</td>
<td>0827651</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X12.5) CUS</td>
<td>0827632</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X12.5) YE CUS</td>
<td>0827641</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X12.5) SR CUS</td>
<td>0827652</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X15) CUS</td>
<td>0827633</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X15) YE CUS</td>
<td>0827642</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X15) SR CUS</td>
<td>0827653</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X18) CUS</td>
<td>0827634</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X18) YE CUS</td>
<td>0827643</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X18) SR CUS</td>
<td>0827654</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X27) CUS</td>
<td>0827635</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X27) YE CUS</td>
<td>0827644</td>
<td>1</td>
</tr>
<tr>
<td>UC-EMP (27X27) SR CUS</td>
<td>0827655</td>
<td>1</td>
</tr>
</tbody>
</table>
Marking and labeling - MARKING system

Device marking

UniCard snap-in device marking

Can be printed with:

- UV LED technology
- Plotter

- The UC-EM ... UniCard labeling range includes markers for devices and switchgear from a wide variety of manufacturers
- An overview of the devices that support labeling plus their manufacturers can be found starting on page 304
- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK CLED
- The format automatically ensures printing with a high level of positional accuracy
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field
- The sheets provide space for including function texts
- Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements

Notes:
1) For ordering example, see page 359.

Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Siemens</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 10 x 7 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Bosch Rexroth, ifm-electronic, Lumberg, Pepperl &amp; Fuchs, Siemens</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 10 x 8 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: ABB, Lumberg</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 17.5 x 7.5 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: ABB, ifm-electronic, Moeller, Murr Elektronik</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 17.5 x 8 mm</td>
<td>white</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: see previous products, labeled according to customer specifications)</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 10 x 7 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: see previous products, labeled according to customer specifications)</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 10 x 8 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: see previous products, labeled according to customer specifications)</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 17.5 x 7.5 mm</td>
<td>white</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: see previous products, labeled according to customer specifications)</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 17.5 x 8 mm</td>
<td>white</td>
</tr>
</tbody>
</table>

Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-EM (10X7)</td>
<td>0825487</td>
<td>10</td>
</tr>
<tr>
<td>UC-EM (10X7) TQ</td>
<td>0825488</td>
<td>10</td>
</tr>
<tr>
<td>UC-EM (10X7) CUS</td>
<td>0827623</td>
<td>1</td>
</tr>
<tr>
<td>UC-EM (10X7) TQ CUS</td>
<td>0827659</td>
<td>1</td>
</tr>
</tbody>
</table>

Accessories

| Magazine, for CMS-P1-PLOTTER | P1 UC-MAG 6 | 5146121 | 1 |

Notes:
1) For ordering example, see page 359.
### Technical data

**BLUEMARK CLED • BLUEMARK LED • CMS-P1-PLOTTER**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 PA V2</td>
<td>0825491</td>
<td>10</td>
</tr>
<tr>
<td>-40 ... 120</td>
<td>0825492</td>
<td>10</td>
</tr>
<tr>
<td>DIN EN 61010-1 (VDE 0411-1) free from silicone and halogen</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-EM (10X8)</td>
<td>0825624</td>
<td>1</td>
</tr>
<tr>
<td>UC-EM (10X8) CUS</td>
<td>0825625</td>
<td>1</td>
</tr>
<tr>
<td>UC-EM (10X8) TO CUS</td>
<td>0825626</td>
<td>1</td>
</tr>
<tr>
<td>UC-EM (17,5X7,5) CUS</td>
<td>0825627</td>
<td>1</td>
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</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1 UC-MAG 6</td>
<td>5146121</td>
<td>1</td>
</tr>
</tbody>
</table>

For additional information, visit [www.phoenixcontact.net/products](http://www.phoenixcontact.net/products)
The UC-EM ... UniCard labeling range includes markers for devices and switchgear from a wide variety of manufacturers.

An overview of the devices that support labeling plus their manufacturers can be found starting on page 304.

The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK CLED.

The format automatically ensures printing with a high level of positional accuracy.

The large temperature range for application means that the labels can be used in control cabinets as well as in the field.

The sheets provide space for including function texts.

Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements.

---

**Technical data**

- **Can be printed with:**
  - UV LED technology
  - Plotter

**Ordering data**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-EM (17,5X9)</td>
<td>0827490</td>
<td>10</td>
</tr>
<tr>
<td>UC-EM (17,5X9) YE</td>
<td>0827494</td>
<td>10</td>
</tr>
<tr>
<td>UC-EM (17,5X9) CUS</td>
<td>0828238</td>
<td>1</td>
</tr>
<tr>
<td>UC-EM (17,5X9) YE CUS</td>
<td>0828239</td>
<td>1</td>
</tr>
</tbody>
</table>

**Accessories**

- Magazine, for CMS-P1-Plotter

---

**Notes:**

1) For ordering example, see page 359.
Technical data

BLUEMARK CLED • BLUEMARK LED • CMS-P1- PLOTTER
20
PA
V2
-40...120
DIN EN 61010-1 (VDE 0411-1)
free from silicone and halogen

Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-EM (18X8)</td>
<td>0825497</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>UC-EM (19X9)</td>
<td>0827492</td>
</tr>
<tr>
<td></td>
<td>UC-EM (19X9) YE</td>
<td>0827496</td>
</tr>
<tr>
<td></td>
<td>UC-EM (20X7)</td>
<td>0825499</td>
</tr>
<tr>
<td></td>
<td>UC-EM (20X7) TQ</td>
<td>0825500</td>
</tr>
<tr>
<td>UC-EM (18X8) CUS</td>
<td>0827627</td>
<td></td>
</tr>
<tr>
<td></td>
<td>UC-EM (19X9) CUS</td>
<td>0828240</td>
</tr>
<tr>
<td></td>
<td>UC-EM (19X9) YE CUS</td>
<td>0828241</td>
</tr>
<tr>
<td></td>
<td>UC-EM (20X7) CUS</td>
<td>0827628</td>
</tr>
<tr>
<td></td>
<td>UC-EM (20X7) TQ CUS</td>
<td>0827661</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1 UC-MAG 6</td>
<td>5146121</td>
<td>1</td>
</tr>
</tbody>
</table>

For additional information, visit www.phoenixcontact.net/products
UniCard snap-in device marking

- The UC-EM ... UniCard labeling range includes markers for devices and switchgear from a wide variety of manufacturers.
- An overview of the devices that support labeling plus their manufacturers can be found starting on page 304.
- The markers, which are supplied in uniform sheets, can be printed onto quickly and easily using the BLUEMARK CLED.
- The format automatically ensures printing with a high level of positional accuracy.
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field.
- The sheets provide space for including function texts.
- Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements.

Notes:
1) For ordering example, see page 359.

### Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: ABB, Conta Clip, Escha, Festo, ifm-electronik, Harting, Moeller, Phoenix Contact, Siemens</td>
<td></td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>turquoise</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Schneider Electric, ifm-electronic, Murr Elektronik</td>
</tr>
<tr>
<td>Lettering field size: 21 x 8 mm</td>
</tr>
</tbody>
</table>

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: see previous products, labeled according to customer specifications*1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>white</td>
<td></td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>yellow</td>
<td></td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>turquoise</td>
<td></td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Magazine, for CMS-P1-PLOTTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-EM (20X9) CUS</td>
</tr>
<tr>
<td>UC-EM (20X9) YE CUS</td>
</tr>
<tr>
<td>UC-EM (20X9) TQ CUS</td>
</tr>
</tbody>
</table>

---

[Image of UniCard labeling range]
### Technical data

BLUEMARK CLED • BLUEMARK LED • CMS-P1- PLOTTER
20
PA
V2
-40 ... 120
DIN EN 61010-1 (VDE 0411-1)
free from silicone and halogen

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UC-EM (21X8)</td>
<td>0825507</td>
<td>10</td>
</tr>
<tr>
<td>UC-EM (21X8) CUS</td>
<td>0827630</td>
<td>1</td>
</tr>
</tbody>
</table>

### Accessories

| P1 UC-MAG 5     | 5146118   | 1           |
- The markers, which are supplied in uniform sheets, can be labeled quickly and easily using the BLUEMARK CLED and THERMOMARK CARD products
- The format automatically ensures printing with a high level of positional accuracy
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field
- The sheets provide space for including function texts
- Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements

Notes:
1) For ordering example, see page 399.
The UCT-EM ... UniCard labeling range includes markers for devices and switchgear from a wide range of manufacturers.

– The markers, which are supplied in uniform sheets, can be labeled quickly and easily using the BLUEMARK CLED and THERMOMARK CARD products

– The format automatically ensures printing with a high level of positional accuracy

– The large temperature range for application means that the labels can be used in control cabinets as well as in the field

– The sheets provide space for including function texts

– An overview of the devices that support labeling plus their manufacturers can be found starting on page 304

– Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements

Can be printed with:

- Thermal transfer for sheets and cards
- UV LED technology

Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>THERMOMARK CARD PLUS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLUEMARK CLED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BLUEMARK LED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PC</td>
<td>0801497</td>
<td>10</td>
</tr>
<tr>
<td>V0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-40 ... 120°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Free from silicone and halogen</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniCard, for labeling devices from the following manufacturers:</td>
<td>white</td>
<td>UCT-EM (5X10)</td>
<td>801583</td>
</tr>
<tr>
<td>Conta Clip, Murr Elektronik</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lettering field size: 5 x 10 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers:</td>
<td>white</td>
<td>UCT-EM (5X10) CUS</td>
<td>801583</td>
</tr>
<tr>
<td>see previous products, labeled according to customer specifications)')</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lettering field size: 5 x 10 mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magazine, for THERMOMARK CARD ...</td>
<td></td>
<td>THERMOMARK CARD-UCT-MAG1</td>
<td>5146480</td>
</tr>
<tr>
<td>for accommodating: UCT-TM ..., UCT1-TM ..., UCTS-TM ...</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UCT-EM (5X10), UCT-EM (6X10)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>THERMOMARK CARD-UCT-MAG1</td>
<td>5146480</td>
<td>1</td>
</tr>
</tbody>
</table>
The UCT-EM ... UniCard labeling range includes markers for devices and switchgear from a wide range of manufacturers.

- The markers, which are supplied in uniform sheets, can be labeled quickly and easily using the BLUEMARK CLED and THERMOMARK CARD products.
- The format automatically ensures printing with a high level of positional accuracy.
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field.
- The sheets provide space for including function texts.
- An overview of the devices that support labeling plus their manufacturers can be found starting on page 304.
- Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements.

Notes:
1) For ordering example, see page 359.

Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UCT-EM (5X10)</td>
<td>0801493</td>
<td>10</td>
</tr>
<tr>
<td>UCT-EM (5X10) CUS</td>
<td>0801579</td>
<td>1</td>
</tr>
</tbody>
</table>

Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Consta Clip, Festo, Finder</td>
<td>white</td>
<td>UniCard, for labeling devices from the following manufacturers: Consta Clip, Festo, Finder</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 6 x 10 mm</td>
<td></td>
<td>Lettering field size: 10 x 5 mm</td>
<td>white</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Beckhoff, Escha, Lumberg, Mur Elektronik, Pepperl &amp; Fuchs, Turck</td>
<td>turquoise</td>
<td>UniCard, for labeling devices from the following manufacturers: Beckhoff, Escha, Lumberg, Mur Elektronik, Pepperl &amp; Fuchs, Turck</td>
<td>turquoise</td>
</tr>
<tr>
<td>Lettering field size: 10 x 7 mm</td>
<td></td>
<td>Lettering field size: 10 x 7 mm</td>
<td>white</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Siemens</td>
<td></td>
<td>UniCard, for labeling devices from the following manufacturers: Siemens</td>
<td></td>
</tr>
<tr>
<td>Lettering field size: 10 x 8 mm</td>
<td></td>
<td>Lettering field size: 10 x 8 mm</td>
<td>white</td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Bosch/Rexroth, ifm-electronic, Lumberg, Pepperl &amp; Fuchs, Siemens</td>
<td></td>
<td>UniCard, for labeling devices from the following manufacturers: Bosch/Rexroth, ifm-electronic, Lumberg, Pepperl &amp; Fuchs, Siemens</td>
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</tr>
<tr>
<td>Lettering field size: 10 x 8 mm</td>
<td></td>
<td>Lettering field size: 10 x 8 mm</td>
<td>turquoise</td>
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<tr>
<td>UniCard, for labeling devices from the following manufacturers: see previous products, labeled according to customer specifications</td>
<td></td>
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<td>Lettering field size: 10 x 7 mm</td>
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<td>Lettering field size: 10 x 7 mm</td>
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<tr>
<td>UniCard, for labeling devices from the following manufacturers: see previous products, labeled according to customer specifications</td>
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<td>UniCard, for labeling devices from the following manufacturers: see previous products, labeled according to customer specifications</td>
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<td>Lettering field size: 10 x 8 mm</td>
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</tr>
<tr>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
</tr>
<tr>
<td>for accommodating: UCT-, TM-, UCT-1-, TM-, UCT5-, TM-, UCT-EM (5X10), UCT-EM (5X10)</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
</tr>
<tr>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
</tr>
<tr>
<td>for accommodating UCT-EM (10X5)</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
</tr>
<tr>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
</tr>
<tr>
<td>for accommodating UCT-EM (10X7), UCT-EM (12X7)</td>
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<td>Magazine, for THERMOMARK CARD</td>
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Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Description</th>
<th>Color</th>
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<tbody>
<tr>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
</tr>
<tr>
<td>for accommodating: UCT-, TM-, UCT-1-, TM-, UCT5-, TM-, UCT-EM (5X10), UCT-EM (5X10)</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
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<tr>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
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</tr>
<tr>
<td>for accommodating UCT-EM (10X5)</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
</tr>
<tr>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
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</tr>
<tr>
<td>for accommodating UCT-EM (10X7), UCT-EM (12X7)</td>
<td></td>
<td>Magazine, for THERMOMARK CARD</td>
<td></td>
</tr>
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</table>

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### Technical data

| THERMOMARK CARD PLUS • THERMOMARK CARD • BLUEMARK CLED • BLUEMARK LED |
|---|---|---|
| 60 | PC | V0 |
| -40...120 | | |
| DIN EN 61010-1 (VDE 0411-1) | | |
| free from silicone and halogen | | |

| THERMOMARK CARD PLUS • THERMOMARK CARD • BLUEMARK CLED • BLUEMARK LED |
|---|---|---|
| 36 | PC | V0 |
| -40...120 | | |
| DIN EN 61010-1 (VDE 0411-1) | | |
| free from silicone and halogen | | |

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<thead>
<tr>
<th>BLUEMARK LED</th>
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<tr>
<td>36</td>
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<tr>
<td>-40...120</td>
</tr>
<tr>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
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<tr>
<td>free from silicone and halogen</td>
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### Ordering data

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<th>Order No.</th>
<th>Pcs. / Pkt.</th>
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<tr>
<td>UCT-EM (10X5)</td>
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<td>10</td>
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<td>UCT-EM (10X7)</td>
<td>0801498</td>
<td>10</td>
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<tr>
<td>UCT-EM (10X7) TQ</td>
<td>0801499</td>
<td>10</td>
</tr>
<tr>
<td>UCT-EM (10X8)</td>
<td>0801485</td>
<td>10</td>
</tr>
<tr>
<td>UCT-EM (10X8) TQ</td>
<td>0801486</td>
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<tr>
<td>UCT-EM (10X5) CUS</td>
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<td>UCT-EM (10X7) CUS</td>
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<td>1</td>
</tr>
<tr>
<td>UCT-EM (10X7) TO CUS</td>
<td>0801586</td>
<td>1</td>
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<tr>
<td>UCT-EM (10X8) CUS</td>
<td>0801570</td>
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<td>UCT-EM (10X8) TO CUS</td>
<td>0801572</td>
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### Accessories

| THERMOMARK CARD-UCT-MAG13 | 0830400 | 1 |
| THERMOMARK CARD-UCT-MAG20 | 0830751 | 1 |
| THERMOMARK CARD-UCT-MAG12 | 0830399 | 1 |
The UCT-EM... UniCard labeling range includes markers for devices and switchgear from a wide range of manufacturers.

- The markers, which are supplied in uniform sheets, can be labeled quickly and easily using the BLUEMARK CLED and THERMOMARK CARD products.
- The format automatically ensures printing with a high level of positional accuracy.
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field.
- The sheets provide space for including function texts.
- An overview of the devices that support labeling plus their manufacturers can be found starting on page 304.
- Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements.

Notes:
1) For ordering example, see page 359.

### Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
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<tr>
<td>UniCard, for labeling devices from the following manufacturers: Bernecke + Rainer</td>
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<tr>
<td>Lettering field size: 12 x 3.3 mm</td>
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</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Beckhoff, Wago</td>
<td>white</td>
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<tr>
<td>Lettering field size: 12 x 6 mm</td>
<td></td>
</tr>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: Siemens</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 15 x 10 mm</td>
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<tr>
<td>UniCard, for labeling devices from the following manufacturers: labeled according to customer specifications1)</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 12 x 3.3 mm</td>
<td></td>
</tr>
<tr>
<td>Lettering field size: 12 x 6 mm</td>
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<td>Lettering field size: 12 x 7 mm</td>
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### Ordering data

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<td>UCT-EM (12X3,3)</td>
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<tr>
<td>UCT-EM (12X3,3) CUS</td>
<td>0801577</td>
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### Accessories

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<tr>
<td>THERMOMARK CARD-UCT-MAG9</td>
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### Technical data

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<th>THERMOMARK CARD PLUS • THERMOMARK CARD • BLUEMARK CLED • BLUEMARK LED</th>
<th>THERMOMARK CARD PLUS • THERMOMARK CARD • BLUEMARK CLED • BLUEMARK LED</th>
<th>THERMOMARK CARD PLUS • THERMOMARK CARD • BLUEMARK CLED • BLUEMARK LED</th>
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<tbody>
<tr>
<td>30 PC V0</td>
<td>30 PC V0</td>
<td>16 PC V0</td>
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<tr>
<td>-40...120</td>
<td>-40...120</td>
<td>-40...120</td>
</tr>
<tr>
<td>DIN EN 61010-1 (VDE 0411-1) free from silicone and halogen</td>
<td>DIN EN 61010-1 (VDE 0411-1) free from silicone and halogen</td>
<td>DIN EN 61010-1 (VDE 0411-1) free from silicone and halogen</td>
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</tbody>
</table>

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UCT-EM (12X6)</td>
<td>0801503</td>
<td>10</td>
</tr>
<tr>
<td>UCT-EM (12X7)</td>
<td>0801501</td>
<td>10</td>
</tr>
<tr>
<td>UCT-EM (12X6) CUS</td>
<td>0801578</td>
<td>1</td>
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<tr>
<td>UCT-EM (12X7) CUS</td>
<td>0801587</td>
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### Accessories

| THERMOMARK CARD-UCT-MAG9 | 0801736 | 1 |
| THERMOMARK CARD-UCT-MAG12 | 0830399 | 1 |

For additional information, visit www.phoenixcontact.net/products
Marking and labeling - MARKING system

Device marking

UniCard snap-in device marking for devices from other manufacturers

The UCT-EM ... UniCard labeling range includes markers for devices and switchgear from a wide range of manufacturers.

– The markers, which are supplied in uniform sheets, can be labeled quickly and easily using the BLUERMARK CLED and THERMOMARK CARD products
– The format automatically ensures printing with a high level of positional accuracy
– The large temperature range for application means that the labels can be used in control cabinets as well as in the field
– The sheets provide space for including function texts
– An overview of the devices that support labeling plus their manufacturers can be found starting on page 304
– Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements

Can be printed with:

- Thermal transfer for sheets and cards
- UV LED technology

---

### Technical data

<table>
<thead>
<tr>
<th>Can be printed with:</th>
<th>THERMOMARK CARD PLUS</th>
<th>THERMOMARK CARD</th>
<th>BLUEMARK CLED</th>
<th>BLUEMARK LED</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>24</td>
<td>PC</td>
<td>V0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>-40 ... 120</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>free from silicone and halogen</td>
<td></td>
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### Ordering data

<table>
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<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
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<tbody>
<tr>
<td>UCT-EM (17X9)</td>
<td>0801475</td>
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</tr>
<tr>
<td>UCT-EM (17X9) YE</td>
<td>0801476</td>
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</tr>
<tr>
<td>UCT-EM (17X9) YC</td>
<td>0801559</td>
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<tr>
<td>UCT-EM (17X9) YC CUS</td>
<td>0801560</td>
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### Accessories

| Magazine, for THERMOMARK CARD | for accommodating UCT-EM (17 x 9) | 0830403 | 1 |
| Magazine, for THERMOMARK CARD | for accommodating UCT-EM (17X10) and (20X8) |
| Magazine, for THERMOMARK CARD | for accommodating UCT-EM (17,5X7,5) |
| Magazine, for THERMOMARK CARD | for accommodating UCT-EM (21X8) and UCT EM (17X8) |
### Technical data

<table>
<thead>
<tr>
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<tbody>
<tr>
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<td>THERMOMARK CARD</td>
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<tr>
<td>BLUEMARK CLED</td>
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<td>BLUEMARK LED</td>
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<tr>
<td>THERMOMARK CARD PLUS</td>
<td>0801487</td>
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<tr>
<td>THERMOMARK CARD</td>
<td>0801488</td>
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<td>BLUEMARK CLED</td>
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<td>BLUEMARK LED</td>
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Device marking

-40...120
DIN EN 61010-1 (VDE 0411-1)
free from silicone and halogen

### Ordering data

<table>
<thead>
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<th>Type</th>
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</thead>
<tbody>
<tr>
<td>UCT-EM (17X10)</td>
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<tr>
<td>UCT-EM (17X10) YE</td>
<td>0801484</td>
<td>10</td>
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<tr>
<td>UCT-EM (17X10) CUS</td>
<td>0801485</td>
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<tr>
<td>UCT-EM (17X10) YE CUS</td>
<td>0801486</td>
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### Accessories

<table>
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<th>Type</th>
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<tbody>
<tr>
<td>THERMOMARK CARD-UCT-MAG11</td>
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<td>THERMOMARK CARD-UCT-MAG18</td>
<td>0830405</td>
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<tr>
<td>THERMOMARK CARD-UCT-MAG14</td>
<td>0830401</td>
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</table>
The UCT-EM ... UniCard labeling range includes markers for devices and switchgear from a wide range of manufacturers.
- The markers, which are supplied in uniform sheets, can be labeled quickly and easily using the BLUEMARK CLED and THERMOMARK CARD products
- The format automatically ensures printing with a high level of positional accuracy
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field
- The sheets provide space for including function texts
- An overview of the devices that support labeling plus their manufacturers can be found starting on page 304
- Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements

The UCT-EM ... UniCard labeling range includes markers for devices and switchgear from a wide range of manufacturers.
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1) For ordering example, see page 359.

### Technical data

<table>
<thead>
<tr>
<th>Type</th>
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<td>BLUEMARK CLED</td>
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<td>BLUEMARK LED</td>
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<tr>
<td>24</td>
<td>PC</td>
<td>V0</td>
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<tr>
<td>Inflammability class</td>
<td>-40 ... 120</td>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
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<td>Temperature range</td>
<td>[°C]</td>
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<tr>
<td>Wipe resistance</td>
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<td>Components</td>
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### Ordering data

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<th>Pcs / Pkt.</th>
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<tr>
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</tr>
<tr>
<td>17.5 x 9 mm</td>
<td>white</td>
<td></td>
</tr>
<tr>
<td>17.5 x 9 mm</td>
<td>yellow</td>
<td></td>
</tr>
<tr>
<td>20 x 7 mm</td>
<td>white</td>
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</tr>
<tr>
<td>20 x 7 mm</td>
<td>turquoise</td>
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### Accessories

<table>
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### Technical data

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<td>UCT-EM (18X8)</td>
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**THERMOMARK CARD PLUS • THERMOMARK CARD • BLUEMARK CLED • BLUEMARK LED**

- 24 PC
- V0
- -40...120
- DIN EN 61010-1 (VDE 0411-1)
- free from silicone and halogen

### Technical data

<table>
<thead>
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<th>Type</th>
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<th>Pcs. / Pkt.</th>
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<td>UCT-EM (17,5X9) YE CUS</td>
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**THERMOMARK CARD PLUS • THERMOMARK CARD • BLUEMARK CLED • BLUEMARK LED**

- 24 PC
- V0
- -40...120
- DIN EN 61010-1 (VDE 0411-1)
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<th>Type</th>
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<td>UCT-EM (17,5X9) YE CUS</td>
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**THERMOMARK CARD PLUS • THERMOMARK CARD • BLUEMARK CLED • BLUEMARK LED**

- 24 PC
- V0
- -40...120
- DIN EN 61010-1 (VDE 0411-1)
- free from silicone and halogen

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UCT-EM (17,5X9)</td>
<td>0801491</td>
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</tr>
<tr>
<td>UCT-EM (17,5X9) YE</td>
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</tr>
<tr>
<td>UCT-EM (18X8)</td>
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**THERMOMARK CARD-UCT-MAG22**

- 0830771 | 1 |

**THERMOMARK CARD-UCT-MAG17**

- 0830404 | 1 |

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For additional information, visit [www.phoenixcontact.net/products](http://www.phoenixcontact.net/products)
The UCT-EM UniCard labeling range includes markers for devices and switchgear from a wide range of manufacturers.

- The markers, which are supplied in uniform sheets, can be labeled quickly and easily using the BLUEMARK CLED and THERMOMARK CARD products.
- The format automatically ensures printing with a high level of positional accuracy.
- The large temperature range for application means that the labels can be used in control cabinets as well as in the field.
- The sheets provide space for including function texts.
- An overview of the devices that support labeling plus their manufacturers can be found starting on page 304.
- Labeling service: Phoenix Contact can custom-label all UniCard markers in accordance with your requirements.

Notes:

1) For ordering example, see page 359.

### Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
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</thead>
<tbody>
<tr>
<td>UniCard, for labeling devices from the following manufacturers: ABB, Conta Clip, Escha, Festo, ifm-electronic, Lumberg, Moeller, Murr Elektronik, Pepperl &amp; Fuchs, Phoenix Contact, Siemens, Turck, Weidmüller</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 20 x 8 mm</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>UniCard, for marking devices from the following manufacturers: ABB, Schneider Electric, ifm-electronic, Murr Elektronik</td>
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<tr>
<td>Lettering field size: 20 x 8 mm</td>
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<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>white</td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>Lettering field size: 20 x 9 mm</td>
<td>yellow</td>
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<td>Lettering field size: 21 x 8 mm</td>
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### Ordering data

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### Accessories

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<th>Pcs.</th>
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<tr>
<td>Magazine, for THERMOMARK CARD (20 x 9)</td>
<td>0801738</td>
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<tr>
<td>Magazine, for THERMOMARK CARD (21X8) and UCT EM (17X8)</td>
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### Can be printed with:

- Thermal transfer for sheets and cards
- UV LED technology

---

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## Technical data

<table>
<thead>
<tr>
<th>THERMOMARK CARD PLUS</th>
<th>THERMOMARK CARD</th>
<th>BLUEMARK CLED</th>
<th>BLUEMARK LED</th>
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## Technical data

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<th>BLUEMARK CLED</th>
<th>BLUEMARK LED</th>
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<td>DIN EN 61010-1 (VDE 0411-1) free from silicone and halogen</td>
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## Ordering data

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<td>UCT-EM (20X9) YE</td>
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<td>UCT-EM (21X8)</td>
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<td>UCT-EM (20X9) TQ CUS</td>
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## Accessories

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<td>THERMOMARK CARD-UCT-MAG14</td>
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### Marking and labeling - MARKING system

#### Device marking

**UniSheet stick-on device marking**

- The US-EMLP ... UniSheet labeling range includes self-adhesive device markers with good adhesive properties in different sizes for:
  - Device marking
  - Module marking
  - Switchgear marking
- The markers, which are supplied in uniform sheets, can be printed onto quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- For more label sizes, visit www.phoenixcontact.net/products

#### Marking of power circuit breakers, for example:

- 8.8 x 15 mm for ABB, Schneider Electric
- 17 x 15 mm for ABB, Hager, Legrand
- 35 x 15 mm for ABB, Legrand, Schneider Electric
- 52.5 x 15 mm for ABB, Hager, Legrand
- 70 x 15 mm for Legrand, Schneider Electric

#### Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
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</thead>
<tbody>
<tr>
<td>UniSheet, with self-adhesive plastic labels, 0.5 mm thick</td>
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<td>0830303</td>
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<td>yellow</td>
<td>US-EMLP (8,8X15) YE</td>
<td>0830316</td>
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<tr>
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<td>red</td>
<td>US-EMLP (8,8X15) RD</td>
<td>0830318</td>
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<td>US-EMLP (8,8X15) SR</td>
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<tr>
<td>88-section, lettering field size: 8.8 x 15 mm</td>
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<td></td>
<td>yellow</td>
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<td>US-EMLP (15X5) YE</td>
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<td>US-EMLP (15X5) SR</td>
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<td>silver</td>
<td>US-EMLP (17X15) SR</td>
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<td>75-section, lettering field size: 20 x 9 mm</td>
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<td>yellow</td>
<td>US-EMLP (20X9) YE</td>
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<td>silver</td>
<td>US-EMLP (20X9) SR</td>
<td>0828884</td>
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#### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magazine, for THERMOMARK CARD, for accommodating all US-... materials</td>
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Can be printed with:
## UniSheet stick-on device marking

### General data
- Can be printed with: THERMOMARK CARD PLUS, THERMOMARK CARD
- Material: PVC
- Inflammability class according to UL 94: V0
- Temperature range: -30 ... 80°C
- Wipe resistance: DIN EN 61010-1 (VDE 0411-1)
- Components: Silicone-free

### Technical data

#### PVC
- THERMOMARK CARD PLUS • THERMOMARK CARD
- V0
- -30 ... 80
- DIN EN 61010-1 (VDE 0411-1)
- Silicone-free

### Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
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</thead>
<tbody>
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<tr>
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<td>0830305</td>
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<td>white</td>
<td>US-EMLP (104X135) SR</td>
<td>0830306</td>
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</tbody>
</table>

### Accessories
- **Magazine**, for THERMOMARK CARD..., for accommodating all US-... materials
- **THERMOMARK CARD-US-MAG1** 5146451 1

For additional information, visit www.phoenixcontact.net/products
**Marking and labeling - MARKING system**

**Device marking**

**UniSheet stick-on device marking**

The US-EMLP ... UniSheet labeling range includes self-adhesive device markers with good adhesive properties in different sizes for:

- Device marking
- Module marking
- Switchgear marking

- The markers, which are supplied in uniform sheets, can be printed onto quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- For more label sizes, visit www.phoenixcontact.net/products

**Marking of power circuit breakers, for example:**

- 8.8 x 15 mm for ABB, Schneider Electric
- 17 x 15 mm for ABB, Hager, Legrand
- 35 x 15 mm for ABB, Legrand, Schneider Electric
- 52.5 x 15 mm for ABB, Legrand, Schneider Electric
- 70 x 15 mm for Legrand, Schneider Electric

---

**General data**

<table>
<thead>
<tr>
<th>Material</th>
<th>PVC</th>
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<tbody>
<tr>
<td>Inflammability class</td>
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</tr>
<tr>
<td>according to UL 94</td>
<td></td>
</tr>
<tr>
<td>Temperature range</td>
<td>-30...80 °C</td>
</tr>
<tr>
<td>Wipe resistance</td>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
</tr>
<tr>
<td>Components</td>
<td>Silicone-free</td>
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**Technical data**

**Ordering data**

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
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<tbody>
<tr>
<td>UniSheet, with self-adhesive plastic labels, 0.5 mm thick, labeled acc. to customer specifications</td>
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### Technical data

<table>
<thead>
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<td>Material</td>
<td>PVC</td>
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<tr>
<td>Inflammability class (UL 94)</td>
<td>V0</td>
</tr>
<tr>
<td>Temperature range (°C)</td>
<td>-30..80</td>
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<tr>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
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<tr>
<td>Wipe resistance</td>
<td>Silicone-free</td>
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### Ordering data

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<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
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</thead>
<tbody>
<tr>
<td>UniSheet, with self-adhesive plastic labels, 0.5 mm thick, labeled acc. to customer specifications</td>
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<td>US-EMLP (40X10) CUS</td>
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<td>US-EMLP (40X10) YE CUS</td>
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<tr>
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<td>US-EMLP (49X15) YE CUS</td>
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<td>US-EMLP (49X15) SR CUS</td>
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<tr>
<td>UniSheet, 16-section, lettering field size: 52.5 x 15 mm</td>
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<td>US-EMLP (60X15) CUS</td>
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<td>UniSheet, 9-section, lettering field size: 60 x 15 mm</td>
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<td>US-EMLP (60X15) YE CUS</td>
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<td>US-EMLP (85,6X54) YE CUS</td>
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<td>US-EMLP (100X60) CUS</td>
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<td>US-EMLP (100X60) YE CUS</td>
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<tr>
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</tbody>
</table>

### Notes:

1) For ordering example, see page 359.
UniSheet device marking that can be snapped into marker carriers

- The US-EMP ... UniSheet labeling range includes markers that can be fitted into existing CARRIER EMP ... label frames
- The markers, which are supplied in uniform sheets, can be printed onto quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers are easy to separate and can be easily fitted
- The sheets provide space for including function texts

Notes:
For matching label frames, see page 296.
1) For ordering example, see page 359.

---

Can be printed with:

- Thermal transfer for sheets and cards

---

**Technical data**

**General data**

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
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<tbody>
<tr>
<td>UniSheet, just 0.5 mm thick 1)</td>
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<td>84-section, lettering field size: 26 x 6 mm</td>
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<td>51-section, lettering field size: 27 x 8 mm</td>
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<td>30-section, lettering field size: 27 x 12.5 mm</td>
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<tr>
<td>27-section, lettering field size: 27 x 15 mm</td>
<td>white, yellow, silver</td>
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<tr>
<td>21-section, lettering field size: 27 x 18 mm</td>
<td>white, yellow, silver</td>
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<tr>
<td>15-section, lettering field size: 27 x 27 mm</td>
<td>white, yellow, silver</td>
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<td>48-section, lettering field size: 29 x 8 mm</td>
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<td>16-section, lettering field size: 40 x 17 mm</td>
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<td>36-section, lettering field size: 44 x 7 mm</td>
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<tr>
<td>18-section, lettering field size: 49 x 15 mm</td>
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<tr>
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**Ordering data**

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<th>Order No.</th>
<th>Pcs./Pkt.</th>
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<td>US-EMP (27X27) SR</td>
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<td>US-EMP (45X15)</td>
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<td>US-EMP (45X15) YE</td>
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<td>US-EMP (60X15)</td>
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<tr>
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<td>US-EMP (60X15) SR</td>
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<td>US-EMP (60X30)</td>
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<td>US-EMP (60X30) SR</td>
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<td>US-EMP (85,6X54) YE</td>
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<td>US-EMP (100X15) YE</td>
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<tr>
<td>US-EMP (100X15) SR</td>
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**Accessories**

| THERMOMARK CARD-US-MAG1 | 5146451 | 1 |

---
## UniSheet device marking that can be snapped into marker carriers

– All US-EMP ... device markers can also be supplied labeled according to customer requirements

### Notes:
For matching label frames, see page 296.

## Technical data

### General data
- **Material:** PVC
- **Inflammability class according to UL 94:** V0
- **Temperature range [°C]:** -30 ... 80
- **Wipe resistance DIN EN 61010-1 (VDE 0411-1):** Silicone-free

### Components

### Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniSheet, with self-adhesive plastic labels, 0.5 mm thick,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>labeled acc. to customer specifications</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>54-section, lettering field size: 17 x 15 mm</td>
<td>white</td>
<td>US-EMP (17X15) CUS 0830025</td>
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<tr>
<td></td>
<td>yellow</td>
<td>US-EMP (17X15) YE CUS 0830026</td>
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<td></td>
<td>silver</td>
<td>US-EMP (17X15) SR CUS 0830027</td>
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<td>70-section, lettering field size: 20 x 9 mm</td>
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<td>US-EMP (20X9) CUS 0830028</td>
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<td>US-EMP (25X6)-1 CUS 0802755</td>
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<td>84-section, lettering field size: 26 x 6 mm</td>
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<td>US-EMP (27X8) CUS 0830030</td>
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<td>silver</td>
<td>US-EMP (27X8) YE CUS 0830031</td>
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<td>US-EMP (27X8) SR CUS 0830032</td>
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<td>US-EMP (27X12,5) CUS 0830033</td>
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<tr>
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<td>US-EMP (27X12,5) YE CUS 0830034</td>
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<tr>
<td></td>
<td>silver</td>
<td>US-EMP (27X12,5) SR CUS 0830035</td>
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<td>27-section, lettering field size: 27 x 15 mm</td>
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<td>US-EMP (27X15) CUS 0830036</td>
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<tr>
<td></td>
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<td>US-EMP (27X15) YE CUS 0830037</td>
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<td>US-EMP (27X15) SR CUS 0830038</td>
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<td>US-EMP (27X18) YE CUS 0830040</td>
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<td>silver</td>
<td>US-EMP (27X18) SR CUS 0830041</td>
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<tr>
<td>15-section, lettering field size: 27 x 27 mm</td>
<td>white</td>
<td>US-EMP (27X27) CUS 0830042</td>
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<td>yellow</td>
<td>US-EMP (27X27) YE CUS 0830043</td>
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<td>silver</td>
<td>US-EMP (27X27) SR CUS 0830044</td>
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<tr>
<td>48-section, lettering field size: 29 x 8 mm</td>
<td>white</td>
<td>US-EMP (29X8) CUS 0830045</td>
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<tr>
<td></td>
<td>yellow</td>
<td>US-EMP (29X8) YE CUS 0830046</td>
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<tr>
<td>16-section, lettering field size: 40 x 17 mm</td>
<td>white</td>
<td>US-EMP (40X17) CUS 0830047</td>
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<tr>
<td>36-section, lettering field size: 44 x 7 mm</td>
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<td>US-EMP (44X7) CUS 0830048</td>
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</tr>
<tr>
<td>18-section, lettering field size: 49 x 15 mm</td>
<td>white</td>
<td>US-EMP (49X15) CUS 0830049</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>US-EMP (49X15) YE CUS 0830050</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>US-EMP (49X15) SR CUS 0830051</td>
<td>1</td>
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<tr>
<td>9-section, lettering field size: 60 x 15 mm</td>
<td>white</td>
<td>US-EMP (60X15) CUS 0830052</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>US-EMP (60X15) YE CUS 0830053</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>US-EMP (60X15) SR CUS 0830054</td>
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<tr>
<td>4-section, lettering field size: 60 x 30 mm</td>
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<td>US-EMP (60X30) CUS 0830055</td>
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<td></td>
<td>yellow</td>
<td>US-EMP (60X30) YE CUS 0830056</td>
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</tr>
<tr>
<td></td>
<td>silver</td>
<td>US-EMP (60X30) SR CUS 0830057</td>
<td>1</td>
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<tr>
<td>2-section, lettering field size: 85.6 x 54 mm</td>
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<td>US-EMP (85,6X54) CUS 0830058</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>US-EMP (85,6X54) YE CUS 0830059</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>US-EMP (85,6X54) SR CUS 0830060</td>
<td>1</td>
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<tr>
<td>9-section, lettering field size: 100 x 15 mm</td>
<td>white</td>
<td>US-EMP (100X15) CUS 0830061</td>
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<td></td>
<td>yellow</td>
<td>US-EMP (100X15) YE CUS 0830062</td>
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</tr>
<tr>
<td></td>
<td>silver</td>
<td>US-EMP (100X15) SR CUS 0830063</td>
<td>1</td>
</tr>
</tbody>
</table>
The US-EMP... UniSheet device markers can be easily and individually snapped into the CARRIER(L)-EMP (1000X15)... marker profile. They offer the following advantages and are suitable for the following:

- Device marking
- Module marking
- Switchgear marking

- The labels are available in different sizes corresponding to common device pitch measurements
- The markers, which are supplied in uniform sheets, can be printed onto quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers are easy to separate and can be easily fitted
- The sheets provide space for including function texts

Marking of power circuit breakers, for example:

- 8.8 x 15 mm for ABB, Schneider Electric
- 17 x 15 mm for ABB, Hager, Legrand
- 35 x 15 mm for ABB, Legrad, Schneider Electric
- 52.5 x 15 mm for ABB, Legrad, Schneider Electric
- 70 x 15 mm for Legrand, Schneider Electric
## UniSheet device marking that can be snapped into marker carriers

- All US-EMP ... device markers can also be supplied labeled according to customer requirements

### Notes:
1) For ordering example, see page 359.

### Technical data

- **Material**: PVC, Polyester
- **Inflammability class according to UL 94**: V0
- **Temperature range [°C]**: -30 ... 80
- **Wipe resistance**: DIN EN 61010-1 (VDE 0411-1)
- **Components**: Silicone-free, free from silicone and halogen

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniSheet, with self-adhesive plastic labels, 0.5 mm thick, labeled acc. to customer specifications ¹)</td>
<td>US-EMP (8,8X15) CUS</td>
<td>0830349</td>
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<td>US-EMP (8,8X15) YE CUS</td>
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<tr>
<td>white</td>
<td>US-EMP (8,8X15) RD CUS</td>
<td>0830352</td>
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<tr>
<td>yellow</td>
<td>US-EMP (8,8X15) SR CUS</td>
<td>0830351</td>
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<tr>
<td>red</td>
<td>US-EMP (17X15) CUS</td>
<td>0830025</td>
</tr>
<tr>
<td>yellow</td>
<td>US-EMP (17X15) YE CUS</td>
<td>0830026</td>
</tr>
<tr>
<td>silver</td>
<td>US-EMP (17X15) RD CUS</td>
<td>0830027</td>
</tr>
<tr>
<td>US-EMP (17X15) SR CUS</td>
<td>0830028</td>
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<td>US-EMP (27X15) CUS</td>
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<td>silver</td>
<td>US-EMP (49X15) SR CUS</td>
<td>0830052</td>
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<tr>
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<td>US-EMP (52,5X15) CUS</td>
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<tr>
<td>white</td>
<td>US-EMP (52,5X15) YE CUS</td>
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<tr>
<td>yellow</td>
<td>US-EMP (52,5X15) RD CUS</td>
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<td>US-EMP (52,5X15) SR CUS</td>
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<td>silver</td>
<td>US-EMP (60X15) CUS</td>
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<td>white</td>
<td>US-EMP (60X15) RD CUS</td>
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<tr>
<td>9-section, lettering field size: 60 x 15 mm</td>
<td>US-EMP (60X15) SR CUS</td>
<td>0830364</td>
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<tr>
<td>EMT (EX15)R</td>
<td>0830671</td>
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</tr>
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<td>EMT (EX15)R CUS</td>
<td>0830395</td>
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<td>yellow</td>
<td>US-EMP (70X15) YE CUS</td>
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<td>US-EMP (70X15) RD CUS</td>
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<td>silver</td>
<td>US-EMP (70X15) SR CUS</td>
<td>0830371</td>
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<td>9-section, lettering field size: 100 x 15 mm</td>
<td>US-EMP (100X15) CUS</td>
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</tr>
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<td>white</td>
<td>US-EMP (100X15) YE CUS</td>
<td>0830662</td>
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<tr>
<td>yellow</td>
<td>US-EMP (100X15) RD CUS</td>
<td>0830663</td>
</tr>
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<td>Insert strips, unprinted, 1 roll = 50 m, continuous, strip height: 15 mm</td>
<td>EMT (EX15)R</td>
<td>0830671</td>
</tr>
<tr>
<td>Insert strips, unprinted, 1 roll = 50 m, continuous, strip height: 15 mm, marked according to customer specifications</td>
<td>EMT (EX15)R CUS</td>
<td>0830395</td>
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</table>

¹) For ordering example, see page 359.

**Technical data**

- **Material**: THERMOMARK ROLL • THERMOMARK ROLL X1 • THERMOMARK X1.1 • THERMOMARK X1.2 • THERMOMARK S1.1
- **Polyester**: V0
- **Temperature range [°C]**: -40 ... 120
--- The US-EMSP ... UniSheet labeling range includes markers that can be attached using screws or rivets.
--- The markers, which are supplied in uniform sheets, can be printed onto quickly, easily, and cost-effectively using the THERMOMARK CARD.
--- The perforated markers are easy to separate and can be easily fitted.
--- The sheets provide space for including function texts.
--- Labeling service: Phoenix Contact can custom-label all UniSheet markers in accordance with your requirements.

### Technical data

<table>
<thead>
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<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
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<td>THERMOMARK CARD</td>
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<td>PVC</td>
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<tr>
<td>Inflammability class according to UL 94</td>
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</tr>
<tr>
<td>V0</td>
<td></td>
<td></td>
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<tr>
<td>Temperature range [°C]</td>
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<tr>
<td>-30 ... 80</td>
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<td>DIN EN 61010-1 (VDE 0411-1)</td>
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<tr>
<td>Silicone-free</td>
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</tbody>
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### Ordering data

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<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
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<td>US-EMSP (50x30)</td>
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</tr>
<tr>
<td>4-section, lettering field size: 50 x 30 mm</td>
<td>yellow</td>
<td>US-EMSP (50x30) YE</td>
<td>0828927</td>
<td>10</td>
</tr>
<tr>
<td>2-section, lettering field size: 75.6 x 54 mm</td>
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<td>US-EMSP (50x30) SR</td>
<td>0828928</td>
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</tr>
<tr>
<td>2-section, lettering field size: 90 x 60 mm</td>
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<td>US-EMSP (50x30) YE SR</td>
<td>0828929</td>
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### Accessories

<table>
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<th>Order No.</th>
<th>Pcs.</th>
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<tbody>
<tr>
<td>for THERMOMARK CARD...</td>
<td>5146451</td>
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</tr>
</tbody>
</table>

---
UniSheet device marking for sticking on and additional screwing or riveting

- The US-EMLSP ... UniSheet labeling range includes adhesive markers which can also be attached with screws or rivets
- The markers, which are supplied in uniform sheets, can be printed onto quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers are easy to separate and can be easily fitted
- The sheets provide space for including function texts
- Labeling service: Phoenix Contact can custom-label all UniSheet markers in accordance with your requirements

Can be printed with:

- Thermal transfer for sheets and cards

Unlabeled or labeled according to customer specifications

Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniSheet, with self-adhesive plastic labels, mounting holes with 3.2 mm diameter, 0.5 mm thick</td>
<td>white</td>
<td>US-EMLSP (28X10)</td>
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</tr>
<tr>
<td></td>
<td>yellow</td>
<td>US-EMLSP (28X10) YE</td>
<td>0830344</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>US-EMLSP (28X10) SR</td>
<td>0830329</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>white</td>
<td>US-EMLSP (28X10) CUS</td>
<td>0830358</td>
<td>1</td>
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<td>0830369</td>
<td>1</td>
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<tr>
<td></td>
<td>silver</td>
<td>US-EMLSP (28X10) SR CUS</td>
<td>0830370</td>
<td>1</td>
</tr>
</tbody>
</table>

Ordering data

For additional information, visit www.phoenixcontact.net/products
UniSheet device marking, stick-on labels

- The US-EML ... UniSheet labeling ranges include markers for marking equipment in switchgear and systems manufacturing
- The markers, which are supplied in uniform sheets, can be printed onto quickly, easily, and cost-effectively using the THERMOMARK CARD
- The perforated markers and labels are easy to separate and can be easily fitted
- When used in conjunction with high-quality ink ribbons, they result in a highly resistant form of labeling that is suitable for harsh environments
- The sheets provide space for including function texts
- The US-EML ... material is UL-listed

Can be printed with:

Thermal transfer for sheets and cards

Technical data

General data

Can be printed with:
Material
Temperature range [°C]
Wipe resistance
Components

Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniSheet, with self-adhesive labels</td>
<td>white</td>
<td>US-EML (17,5X8)</td>
<td>0800461</td>
</tr>
<tr>
<td>80-section, lettering field size: 17.5 x 8 mm</td>
<td>yellow</td>
<td>US-EML (17,5X8) YE</td>
<td>0800463</td>
</tr>
<tr>
<td>64-section, lettering field size: 20 x 8 mm</td>
<td>white</td>
<td>US-EML (20X8)</td>
<td>0800458</td>
</tr>
<tr>
<td>34-section, lettering field size: 104 x 3.8 mm</td>
<td>yellow</td>
<td>US-EML (20X8) YE</td>
<td>0800460</td>
</tr>
<tr>
<td>1-section, lettering field size: 104 x 140 mm</td>
<td>white</td>
<td>US-EML (104X3,8)</td>
<td>0800464</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>US-EML (104X3,8) SR</td>
<td>0800466</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>US-EML (104X140)</td>
<td>0800465</td>
</tr>
<tr>
<td></td>
<td></td>
<td>US-EML (104X140) YE</td>
<td>0800467</td>
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<tr>
<td></td>
<td></td>
<td>US-EML (104X140) SR</td>
<td>0800466</td>
</tr>
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</table>

Magazine, for THERMOMARK CARD...
for accommodating all US-... materials

Accessories

THERMOMARK CARD-US-MAG | 5146451 | 1
Unlabeled or labeled according to customer specifications

Technical data

Material: PVC
Temperature range: -40 ... 90°C
Wipe resistance: DIN EN 61010-1 (VDE 0411-1)
Components: Silicone-free

Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UniSheet, with self-adhesive labels, 2-section, lettering field size: 104 x 70 mm</td>
<td>white</td>
<td>1014294</td>
<td>10</td>
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<tr>
<td></td>
<td>yellow</td>
<td>1014295</td>
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<tr>
<td></td>
<td>blue</td>
<td>1014296</td>
<td>10</td>
</tr>
<tr>
<td>UniSheet, with self-adhesive labels, 1-section, lettering field size: 104 x 140 mm</td>
<td>white</td>
<td>1014291</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>1014292</td>
<td>10</td>
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<tr>
<td></td>
<td>blue</td>
<td>1014293</td>
<td>10</td>
</tr>
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<td>UniSheet, with self-adhesive labels, labeled according to customer specifications, 2-section, lettering field size: 104 x 70 mm1)</td>
<td>white</td>
<td>1014300</td>
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<tr>
<td></td>
<td>yellow</td>
<td>1014301</td>
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<tr>
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<td>blue</td>
<td>1014302</td>
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<tr>
<td>UniSheet, with self-adhesive labels, labeled according to customer specifications, 1-section, lettering field size: 104 x 140 mm1)</td>
<td>white</td>
<td>1014297</td>
<td>1</td>
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<tr>
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<td>1014298</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>blue</td>
<td>1014299</td>
<td>1</td>
</tr>
<tr>
<td>Magazine, for THERMOMARK CARD..., for accommodating all US... materials</td>
<td></td>
<td>5146451</td>
<td>1</td>
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</tbody>
</table>

Accessories

<table>
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<th>Description</th>
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<th>Pcs./Pkt.</th>
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<tbody>
<tr>
<td>THERMOMARK CARD-US-MAG1</td>
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<td>1</td>
</tr>
<tr>
<td>TM-RIBBON 110-TC BK/RD</td>
<td>1014403</td>
<td>1</td>
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<tr>
<td>TM-RIBBON 110-TC BK/RD/YE</td>
<td>1014404</td>
<td>1</td>
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<tr>
<td>TM-RIBBON 110-TC BK/RD/BY/E</td>
<td>1014405</td>
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</tr>
</tbody>
</table>

Notes:
1) For ordering example, see page 369.

UniSheet - stick-on combi labels, unprinted

The unlabeled US-EMLF ... combi labels on US ... cards allow you to create custom information signs. A variety of symbols which conform to ISO 7010 are available in the CLIP PROJECT software. The markers offer the following features:

- High adhesive strength
- Suitable for indoor and outdoor use
- The markers conform to the ISO 7010 international standard
- The markers can be printed in various colors with the THERMOMARK CARD PLUS
- When used in conjunction with high-quality ink ribbons, a resistant form of labeling is produced, which is even suitable for harsh environments
- The markers, which are supplied in uniform sheets, can be labeled quickly, easily, and cost-effectively using the THERMOMARK CARD PLUS
- The format automatically ensures printing with a high level of positional accuracy
- The perforated markers are easy to separate

Can be printed with:

Thermal transfer for sheets and cards

For additional information, visit www.phoenixcontact.net/products
Marking and labeling - MARKING system

Device marking

Stick-on device marking

- EML... self-adhesive device markers have been specially developed to allow the marking of various types of operating equipment in control, system, and control cabinet engineering applications
- Precise printing quality and good adhesive properties
- If high-quality ink ribbons are used, the labeling is resistant to solvents, making it suitable for use even under harsh industrial conditions
- A wide range of marker sizes and colors is available for custom designs
- The special packaging protects rolls that have already been started from the dirt found in industrial environments
- The EML... materials are UL-listed
- Designation example: EML (10X4)R...
- Lettering field size: 10 x 4 mm
- Type of packaging: roll

Notes:
The THERMOMARK ROLL-EPH external media hub is required for RL rolls, see Printers on page 38.
For additional label sizes, see the product area on our website at www.phoenixcontact.net/products.

General data
Can be printed with:

Material: Polyester
Temperature range: [-40 ... 150 °C]
Wipe resistance: DIN EN 61010-1 (VDE 0411-1)
Components: free from silicone and halogen

Technical data

Ordering data

<table>
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<th>Description</th>
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<th>Pcs./Pkt.</th>
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<tbody>
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<tr>
<td>Labels</td>
<td></td>
<td>0816663</td>
<td>1</td>
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<tr>
<td>Labels</td>
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<td>0816702</td>
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<td>0818001</td>
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</tr>
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<td>Labels</td>
<td></td>
<td>0816786</td>
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<td>Labels</td>
<td></td>
<td>0816825</td>
<td>1</td>
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<tr>
<td>Labels</td>
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<td>Labels</td>
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<td>Labels</td>
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<td>Labels</td>
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<td>0817109</td>
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</tr>
<tr>
<td>Labels</td>
<td></td>
<td>0800286</td>
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</tr>
<tr>
<td>Labels</td>
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<td>1</td>
</tr>
<tr>
<td>Labels</td>
<td></td>
<td>0801715</td>
<td>1</td>
</tr>
<tr>
<td>Labels, on large roll</td>
<td></td>
<td>0816113</td>
<td>1</td>
</tr>
<tr>
<td>Labels, on large roll</td>
<td></td>
<td>0816087</td>
<td>1</td>
</tr>
<tr>
<td>Labels, on large roll</td>
<td></td>
<td>0816171</td>
<td>1</td>
</tr>
<tr>
<td>Labels, on large roll</td>
<td></td>
<td>0816184</td>
<td>1</td>
</tr>
<tr>
<td>Labels, round, 17.5 mm diameter</td>
<td></td>
<td>0816197</td>
<td>1</td>
</tr>
<tr>
<td>Continuous labels, on large roll</td>
<td></td>
<td>0815774</td>
<td>1</td>
</tr>
<tr>
<td>Continuous labels, on large roll</td>
<td></td>
<td>0815716</td>
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</tr>
</tbody>
</table>

PHOENIX CONTACT

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### Technical data

**THERMOMARK ROLL • THERMOMARK X1 • THERMOMARK X1.1 • THERMOMARK X1.2 • THERMOMARK S1.1**

Polyester  
-40 ... 150  
DIN EN 61010-1 (VDE 0411-1)  
free from silicone and halogen

### Technical data

**THERMOMARK ROLL • THERMOMARK X1 • THERMOMARK X1.1 • THERMOMARK X1.2 • THERMOMARK S1.1**

Polyester  
-40 ... 150  
DIN EN 61010-1 (VDE 0411-1)  
free from silicone and halogen

#### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML (10X7)R YE</td>
<td>0816676</td>
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</tr>
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<td>EML (15X6) R YE</td>
<td>0819288</td>
<td>1</td>
</tr>
<tr>
<td>EML (15X8)R YE</td>
<td>0816045</td>
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</tr>
<tr>
<td>EML (16,5X5)R YE</td>
<td>0816728</td>
<td>1</td>
</tr>
<tr>
<td>EML (16X7)R YE</td>
<td>0816731</td>
<td>1</td>
</tr>
<tr>
<td>EML (17,5X8)R YE</td>
<td>0816757</td>
<td>1</td>
</tr>
<tr>
<td>EML (20X7)R YE</td>
<td>0816773</td>
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<tr>
<td>EML (20X8)R YE</td>
<td>0816799</td>
<td>1</td>
</tr>
<tr>
<td>EML (25,4X12,7)R YE</td>
<td>0816838</td>
<td>1</td>
</tr>
<tr>
<td>EML (26,5X17,5)R YE</td>
<td>0816896</td>
<td>1</td>
</tr>
<tr>
<td>EML (30X20)R YE</td>
<td>0816935</td>
<td>1</td>
</tr>
<tr>
<td>EML (40X15)R YE</td>
<td>0816977</td>
<td>1</td>
</tr>
<tr>
<td>EML (51X25)R YE</td>
<td>0817031</td>
<td>1</td>
</tr>
<tr>
<td>EML (70X32)R YE</td>
<td>0817073</td>
<td>1</td>
</tr>
<tr>
<td>EML (100X73)R YE</td>
<td>0817138</td>
<td>1</td>
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<tr>
<td>EML (16,5X5)RL YE</td>
<td>0816126</td>
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<tr>
<td>EML (17,5X8)RL YE</td>
<td>0816139</td>
<td>1</td>
</tr>
<tr>
<td>EML (18X7)RL YE</td>
<td>0802733</td>
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</tr>
<tr>
<td>EML (76,2X6,5)RL YE</td>
<td>0816207</td>
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</tbody>
</table>

For additional information, visit [www.phoenixcontact.net/products](http://www.phoenixcontact.net/products)
Marking and labeling - MARKING system

Device marking

Stick-on device marking

---

- All EML ... labels can also be supplied labeled according to customer requirements
- The EML ... materials are UL-listed
- **Designation example:**
  - **EML (10X4)R**...
  - Lettering field size: 10 x 4 mm

Notes:
For additional label sizes, visit www.phoenixcontact.net/products.
1) For ordering example, see page 359.

---

### Technical data

- **Material:** Polyester
- **Temperature range [°C]:** -40 ... 150
- **Wipe resistance DIN EN 61010-1 (VDE 0411-1):**
- **Components free from silicone and halogen:**

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML (10X4)R CUS</td>
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</tr>
<tr>
<td>EML (10X7)R CUS</td>
<td>0824290</td>
<td>1</td>
</tr>
<tr>
<td>EML (15X9)R CUS</td>
<td>0824294</td>
<td>1</td>
</tr>
<tr>
<td>EML (16,5X5)R CUS</td>
<td>0824297</td>
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</tr>
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<td>EML (16X7)R CUS</td>
<td>0824301</td>
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<td>EML (17,5X8)R CUS</td>
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<td>EML (19X6)R CUS</td>
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<tr>
<td>EML (20X8)R CUS</td>
<td>0824309</td>
<td>1</td>
</tr>
<tr>
<td>EML (25,4X12,7)R CUS</td>
<td>0824313</td>
<td>1</td>
</tr>
<tr>
<td>EML (30X20)R CUS</td>
<td>0824323</td>
<td>1</td>
</tr>
<tr>
<td>EML (38X17)R CUS</td>
<td>0824328</td>
<td>1</td>
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<tr>
<td>EML (40X8)R CUS</td>
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<tr>
<td>EML (40X25)R CUS</td>
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<td>EML (51X25)R CUS</td>
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<td>EML (70X32)R CUS</td>
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<td>EML (90X5)R CUS</td>
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<td>EML (100X40)R CUS</td>
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</tr>
<tr>
<td>EML (38,1X19)RL CUS</td>
<td>0824327</td>
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</tr>
<tr>
<td>EML (50,8X25,4)RL CUS</td>
<td>0824333</td>
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</tr>
<tr>
<td>EML (69,8X31,8)RL CUS</td>
<td>0824339</td>
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</tr>
<tr>
<td>EML (D17,5)R CUS</td>
<td>0824347</td>
<td>1</td>
</tr>
</tbody>
</table>

---

Labeled acc. to customer specifications, white
Marking and labeling - MARKING system

Device marking

**Labeled acc. to customer specifications, yellow**

**Labeled acc. to customer specifications, silver**

### Technical data

**Polyester**
-40 ... 150
DIN EN 61010-1 (VDE 0411-1)
free from silicone and halogen

### Technical data

**Polyester**
-40 ... 150
DIN EN 61010-1 (VDE 0411-1)
free from silicone and halogen

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML (10X7)R YE CUS</td>
<td>0824291</td>
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</tr>
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<td>EML (15X6) R YE CUS</td>
<td>0824348</td>
<td>1</td>
</tr>
<tr>
<td>EML (15X9)R YE CUS</td>
<td>0824296</td>
<td>1</td>
</tr>
<tr>
<td>EML (16,5X5)R YE CUS</td>
<td>0824298</td>
<td>1</td>
</tr>
<tr>
<td>EML (16X7)R YE CUS</td>
<td>0824302</td>
<td>1</td>
</tr>
<tr>
<td>EML (17,5X9)R YE CUS</td>
<td>0824304</td>
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<td>EML (20X7)R YE CUS</td>
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<tr>
<td>EML (20X8)R YE CUS</td>
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<tr>
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<tr>
<td>EML (30X20)R YE CUS</td>
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<td>EML (40X25)R YE CUS</td>
<td>0824331</td>
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</table>

For additional information, visit www.phoenixcontact.net/products

PHOENIX CONTACT | 273
The EMLP ... self-adhesive markers meet the same standards as the engraved labels. Quick and cost-effective labeling with THERMOMARK ... printers. High-quality appearance. High level of resistance to chemical and mechanical effects. Primarily used for marking electrical components, devices, and buttons. Designation example: EMLP(13x9)R. Lettering field size: 13 x 9 mm. Type of packaging: roll. Labeling service: Phoenix Contact can custom-label all EMLP ... markers in accordance with your requirements.

Notes:
1) For ordering example, see page 399.

Technical data
- Can be printed with:
  - Thermal transfer for rolls

Ordering data
- THERMOMARK ROLL + THERMOMARK ROLL X1 + THERMOMARK X1.1 + THERMOMARK X1.2 + THERMOMARK S1.1
- Polymer
- -40 ... 120
- DIN EN 61010-1 (VDE 0411-1)
- free from silicone and halogen

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Markers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500 markers p. roll</td>
<td>white</td>
<td>0819453</td>
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<tr>
<td>500 markers p. roll</td>
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<td>white</td>
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<td>500 markers p. roll</td>
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<td>500 markers p. roll</td>
<td>white</td>
<td>0800277</td>
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<td>500 markers p. roll</td>
<td>white</td>
<td>0802685</td>
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<tr>
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</tr>
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<td>white</td>
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<td>white</td>
<td>0801729</td>
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<td>500 markers p. roll</td>
<td>white</td>
<td>0819505</td>
<td>1</td>
</tr>
<tr>
<td>500 markers p. roll</td>
<td>white</td>
<td>0802728</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Markers, labeled acc. to customer specifications</th>
<th>Color</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 markers per strip</td>
<td>white</td>
<td>0824354</td>
<td>1</td>
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<td>2 markers per strip</td>
<td>white</td>
<td>0827083</td>
<td>1</td>
</tr>
<tr>
<td>2 markers per strip</td>
<td>white</td>
<td>0824355</td>
<td>1</td>
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<tr>
<td>2 markers per strip</td>
<td>white</td>
<td>0802690</td>
<td>1</td>
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<tr>
<td>2 markers per strip</td>
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<tr>
<td>2 markers per strip</td>
<td>white</td>
<td>0828990</td>
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<td>1 marker per strip</td>
<td>white</td>
<td>0802730</td>
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<td>1 marker per strip</td>
<td>white</td>
<td>0824363</td>
<td>1</td>
</tr>
<tr>
<td>1 marker per strip</td>
<td>white</td>
<td>0802731</td>
<td>1</td>
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<tr>
<td>2 markers per strip</td>
<td>silver</td>
<td>0802691</td>
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</tr>
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<td>2 markers per strip</td>
<td>silver</td>
<td>0827476</td>
<td>1</td>
</tr>
<tr>
<td>2 markers per strip</td>
<td>silver</td>
<td>0824361</td>
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<td>2 markers per strip</td>
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<td>2 markers per strip</td>
<td>silver</td>
<td>0824360</td>
<td>1</td>
</tr>
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<td>1 marker per strip</td>
<td>silver</td>
<td>0827469</td>
<td>1</td>
</tr>
<tr>
<td>1 marker per strip</td>
<td>silver</td>
<td>0824362</td>
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</tr>
<tr>
<td>1 marker per strip</td>
<td>silver</td>
<td>0830398</td>
<td>1</td>
</tr>
</tbody>
</table>
Stick-on device marking, continuous

Can be printed with:

Thermal transfer for rolls

Unlabeled or labeled according to customer specifications

- The EMLP Ex... self-adhesive continuous markers are equivalent to engraved labels
- Quick and cost-effective labeling with THERMOMARK ... printers
- High-quality appearance
- High level of resistance to chemical and mechanical effects
- Primarily used for marking electrical components, devices, and buttons
- Designation example: EMLP(13x9)R
  Lettering field size: 13 x 9 mm
  Type of packaging: roll
- Labeling service: Phoenix Contact can custom-label all EMLP ... markers in accordance with your requirements

Notes:

1) For ordering example, see page 359.
Marking and labeling - MARKING system

Device marking

Stick-on device marking, for 24 mm buttons

- The EMLP 24 ... self-adhesive markers are ideal for marking electrical buttons
- Quick and cost-effective labeling with THERMOMARK ... printers
- High-quality appearance
- High level of resistance to chemical and mechanical effects
- Labeling service: Phoenix Contact can custom-label all EMLP ... markers in accordance with your requirements

Notes:
1) For ordering example, see page 359.

Can be printed with:

Thermal transfer for rolls

Unlabeled or labeled according to customer specifications

Technical data

| Material  | Polyester |
| Temperature range | °C |
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
| Components | free from silicone and halogen |

Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMLP 24 (30X12)R</td>
<td>0819550</td>
<td>1</td>
</tr>
<tr>
<td>EMLP 24 (30X12)R SR</td>
<td>0819563</td>
<td>1</td>
</tr>
<tr>
<td>EMLP 24 (30X12)R RD</td>
<td>0819576</td>
<td>1</td>
</tr>
<tr>
<td>EMLP 24 (30X12)R GN</td>
<td>0819599</td>
<td>1</td>
</tr>
<tr>
<td>EMLP 24 (30X12)R CUS</td>
<td>0824367</td>
<td>1</td>
</tr>
<tr>
<td>EMLP 24 (30X12)R SR CUS</td>
<td>0824370</td>
<td>1</td>
</tr>
<tr>
<td>EMLP 24 (30X12)R GN CUS</td>
<td>0824368</td>
<td>1</td>
</tr>
<tr>
<td>EMLP 24 (30X12)R RD CUS</td>
<td>0824369</td>
<td>1</td>
</tr>
</tbody>
</table>
## Device marking

**Stick-on device marking, for 30 mm buttons**

- The EMLP 30 ... self-adhesive markers are ideal for marking electrical buttons
- Quick and cost-effective labeling with THERMOMARK ... printers
- High-quality appearance
- High level of resistance to chemical and mechanical effects
- Labeling service: Phoenix Contact can custom-label all EMLP ... markers in accordance with your requirements

### Notes:

If using THERMOMARK ROLL, use the external ROLL ERH media hub.

### Can be printed with:

- Thermal transfer for rolls

### Unlabeled or labeled according to customer specifications

### General data

<table>
<thead>
<tr>
<th>Can be printed with:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material: Polyester</td>
</tr>
<tr>
<td>Temperature range: -40 ... 120 °C</td>
</tr>
<tr>
<td>Wipe resistance: DIN EN 61010-1 (VDE 0411-1)</td>
</tr>
<tr>
<td>Components: free from silicone and halogen</td>
</tr>
</tbody>
</table>

### Technical data

**Material**: Polyester

**Temperature range**: -40 ... 120 °C

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

**Components**: free from silicone and halogen

### Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Markers for 30 mm buttons, can be labeled with thermal transfer printers</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>500 markers p. roll</td>
<td>white</td>
<td>EMLP 30(45X10)R</td>
<td>1</td>
</tr>
<tr>
<td>500 markers p. roll</td>
<td>yellow</td>
<td>EMLP 30(45X10)RYE</td>
<td>1</td>
</tr>
<tr>
<td>500 markers p. roll</td>
<td>black</td>
<td>EMLP 30(45X10)RBK</td>
<td>1</td>
</tr>
<tr>
<td>1 marker per strip</td>
<td>white</td>
<td>EMLP 30(45X10)R CUS</td>
<td>1</td>
</tr>
<tr>
<td>1 marker per strip</td>
<td>yellow</td>
<td>EMLP 30(45X10)RYE CUS</td>
<td>1</td>
</tr>
<tr>
<td>1 marker per strip</td>
<td>yellow</td>
<td>EMLP 30(45X10)RBK CUS</td>
<td>1</td>
</tr>
</tbody>
</table>

For additional information, visit [www.phoenixcontact.net/products](http://www.phoenixcontact.net/products)
Marking and labeling - MARKING system

Device marking

Highly flexible PVC stick-on device marking

Can be printed with:

Thermal transfer for rolls

Unlabeled or labeled according to customer specifications

Notes:
1) For ordering example, see page 359.

- Highly flexible, soft PVC label that adapts well to uneven surfaces
- Extremely high-quality appearance
- Outdoor-durable for up to eight years when subject to a temperature range of -50°C to 90°C
- Labeling service: Phoenix Contact can custom-label all EMLF ... markers in accordance with your requirements

Technical data

Material PVC
Temperature range [°C] -40 ... 90
Wipe resistance DIN EN 61010-1 (VDE 0411-1)

Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./ Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous label, width: 108 mm, length: 40 m</td>
<td>white</td>
<td>EMLF (108XE)R</td>
<td>0800049</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>EMLF (108XE)R YE</td>
<td>0800050</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>EMLF (108XE)R SR</td>
<td>0800051</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>transparent</td>
<td>EMLF (108XE)R TR</td>
<td>0800052</td>
<td>1</td>
</tr>
<tr>
<td>Continuous label, labeled acc. to customer specifications</td>
<td>white</td>
<td>EMLF (108XE)R CUS</td>
<td>0830183</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>yellow</td>
<td>EMLF (108XE)R YE CUS</td>
<td>0830184</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>silver</td>
<td>EMLF (108XE)R SR CUS</td>
<td>0830185</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>transparent</td>
<td>EMLF (108XE)R TR CUS</td>
<td>0830186</td>
<td>1</td>
</tr>
</tbody>
</table>
Highly flexible stick-on textile foil

- Textile foil with extremely low restoring forces
- Enables labels to be stuck over edges and curves
- Halogen-free material
- Outdoor-durable for one to two years when subject to a temperature range of -40°C to +150°C
- Labeling service: Phoenix Contact can custom-label all EMLC markers in accordance with your requirements

Notes:
1) For ordering example, see page 359.

Can be printed with:

- Highly flexible stick-on textile foil
- Thermal transfer for rolls

Unlabeled or labeled according to customer specifications

Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabric label</td>
<td></td>
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</tr>
<tr>
<td>10,000 labels p. roll white</td>
<td>0817617</td>
<td>1</td>
</tr>
<tr>
<td>5000 labels p. roll white</td>
<td>0817620</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll yellow</td>
<td>0800236</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll yellow</td>
<td>0800237</td>
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<td>2500 labels p. roll white</td>
<td>0815680</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll yellow</td>
<td>0800235</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll yellow</td>
<td>0815800</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll white</td>
<td>0800240</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll yellow</td>
<td>0800238</td>
<td>1</td>
</tr>
<tr>
<td>1000 labels p. roll yellow</td>
<td>0800557</td>
<td>1</td>
</tr>
<tr>
<td>1000 labels p. roll white</td>
<td>0800554</td>
<td>1</td>
</tr>
<tr>
<td>1000 labels p. roll yellow</td>
<td>0800555</td>
<td>1</td>
</tr>
<tr>
<td>750 labels p. roll yellow</td>
<td>0800558</td>
<td>1</td>
</tr>
</tbody>
</table>

Fabric label, labeled according to customer requirements:

12 labels per strip white      | 0824350   | 1         |
12 labels per strip white      | 0824351   | 1         |
4 labels per strip yellow      | 0830158   | 1         |
4 labels per strip white       | 0830159   | 1         |
4 labels per strip yellow      | 0824352   | 1         |
4 labels per strip white       | 0830157   | 1         |
2 labels per strip yellow      | 0830161   | 1         |
2 labels per strip white       | 0830160   | 1         |
1 label per strip yellow       | 0830162   | 1         |
1 label per strip yellow       | 0830163   | 1         |
1 label per strip yellow       | 0830164   | 1         |
1 label per strip yellow       | 0830165   | 1         |

For additional information, visit www.phoenixcontact.net/products

PHOENIX CONTACT  279
The EML-HA ... self-adhesive device markers have excellent adhesive properties on rough, structured, and low-energy surfaces, thanks to their special adhesive.

- Precise printing quality and good adhesive properties
- If high-quality ink ribbons are used, the labeling is resistant to solvents, making it suitable for use even under harsh industrial conditions
- A wide range of different marker sizes is available in white and silver for custom designs
- The special packaging protects rolls that have already been started from the dirt found in industrial environments
- Labeling service: Phoenix Contact can custom-label all EML-HA ... labels according to your requirements
- The labeling material is UL listed

**Designation example:**
EML-HA (15x9)R

Lettering field size: 15 x 9 mm
Type of packaging: roll

Notes:

1) For ordering example, see page 359.

---

**Technical data**

<table>
<thead>
<tr>
<th>Material</th>
<th>Temperature range [°C]</th>
<th>Wipe resistance DIN EN 61010-1 (VDE 0411-1)</th>
<th>Components</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester</td>
<td>-40 ... 150</td>
<td></td>
<td>Free from silicone and halogen</td>
</tr>
</tbody>
</table>

**Ordering data**

<table>
<thead>
<tr>
<th>Description</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Label, for rough plastic surfaces, highly adhesive</td>
<td>0830600</td>
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<tr>
<td>2500 labels p. roll EML-HA (15x9)R</td>
<td>0830601</td>
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<tr>
<td>2500 labels p. roll EML-HA (19x6)R</td>
<td>0830602</td>
<td>1</td>
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<tr>
<td>2500 labels p. roll EML-HA (20x20)R</td>
<td>0830603</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (26,5x12)R</td>
<td>0830604</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (40x8)R</td>
<td>0830605</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (51X25)R</td>
<td>0830606</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (60x30)R</td>
<td>0830607</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (70x32)R</td>
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<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (70x50)R</td>
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<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (76X51)R</td>
<td>0830610</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (85X32)R</td>
<td>0830731</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll EML-HA (100x90)R</td>
<td>0830732</td>
<td>1</td>
</tr>
</tbody>
</table>

**Can be printed with:**

- THERMOMARK ROLL / g242
- THERMOMARK ROLL X1 / g242
- THERMOMARK X1.1 / g242
- THERMOMARK X1.2 / g242
- THERMOMARK S1.1
## Technical data

**THERMOMARK ROLL • THERMOMARK ROLL X1 • THERMOMARK X1.1 • THERMOMARK X1.2 • THERMOMARK S1.1**

- Polyester
- -40...150
- DIN EN 61010-1 (VDE 0411-1)
- free from silicone and halogen

## Technical data

- Polyester
- -40...150
- DIN EN 61010-1 (VDE 0411-1)
- free from silicone and halogen

## Technical data

- Polyester
- -40...150
- DIN EN 61010-1 (VDE 0411-1)
- free from silicone and halogen

### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML-HA (15X9)R SR</td>
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</tr>
<tr>
<td>EML-HA (19X6)R SR</td>
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<tr>
<td>EML-HA (20X20)R SR</td>
<td>0830613</td>
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<tr>
<td>EML-HA (26,5X12)R SR</td>
<td>0830614</td>
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<td>EML-HA (40X8)R SR</td>
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<td>EML-HA (40X15)R SR</td>
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<td>1</td>
</tr>
<tr>
<td>EML-HA (51X25)R SR</td>
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<td>EML-HA (60X30)R SR</td>
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<td>EML-HA (70X32)R SR</td>
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<tr>
<td>EML-HA (70X50)R SR</td>
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<td>EML-HA (70X150)R SR</td>
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<tr>
<td>EML-HA (76X51)R SR</td>
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</tr>
<tr>
<td>EML-HA (85X32)R SR</td>
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<td>1</td>
</tr>
<tr>
<td>EML-HA (100X33)R SR</td>
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<td>1</td>
</tr>
<tr>
<td>EML-HA (100X30)R SR</td>
<td>0830736</td>
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</tr>
<tr>
<td>EML-HA (15X9)R CUS</td>
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<tr>
<td>EML-HA (19X6)R CUS</td>
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<td>1</td>
</tr>
<tr>
<td>EML-HA (20X20)R CUS</td>
<td>0830624</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (26,5X12)R CUS</td>
<td>0830625</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (40X8)R CUS</td>
<td>0830626</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (40X15)R CUS</td>
<td>0830627</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (51X25)R CUS</td>
<td>0830737</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (60X30)R CUS</td>
<td>0830628</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (70X32)R CUS</td>
<td>0830629</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (70X50)R CUS</td>
<td>0830738</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (70X150)R CUS</td>
<td>0830630</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (76X51)R CUS</td>
<td>0830631</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (85X32)R CUS</td>
<td>0830632</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (100X33)R CUS</td>
<td>0830739</td>
<td>1</td>
</tr>
<tr>
<td>EML-HA (100X30)R CUS</td>
<td>0830740</td>
<td>1</td>
</tr>
</tbody>
</table>

For additional information, visit [www.phoenixcontact.net/products](http://www.phoenixcontact.net/products)
Marking and labeling - MARKING system

Device marking

Stick-on device marking, for high-temperature applications

- White polyimide labels with high level of temperature resistance
- Continuous temperature range of -40°C to +180°C, up to +300°C temporarily, for up to 60 seconds
- For marking PCBs, can be used in all industrial soldering processes
- High weathering and chemical resistance
- The labeling material is UL listed
- Protection against tampering: the labels cannot be removed without disintegrating

**Designation example:**

EML-HT (8x8)R

Lettering field size: 8 x 8 mm

Type of packaging: roll

- Single-web large roll with 8000 or 10,000 labels (see figure below)

Notes:
The THERMOMARK-RIBBON 110-EML-HT ink ribbon is required for marking EM-LHT... high-temperature labels, see Printers, page 39.

If large rolls are processed with the THERMOMARK ROLL, the external THERMOMARK ROLL-ERH media hub must be used.

1) For ordering example, see page 359.

## General data

<table>
<thead>
<tr>
<th>Can be printed with:</th>
<th>Thermal transfer for rolls</th>
</tr>
</thead>
</table>

## General data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>High-temperature labels</td>
<td>white</td>
</tr>
</tbody>
</table>

| Material | Polyimide |
| Temperature range [°C] | -40 ... 180 |
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |
| Components | free from silicone and halogen |

## Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML-HT (8X8)R</td>
<td>0800340</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (15X6)R</td>
<td>0830644</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (15X15)R</td>
<td>0800341</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (20X7)R</td>
<td>0830645</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (25X6)R</td>
<td>0830646</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (25X10)R</td>
<td>0830650</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (25X12,7)R</td>
<td>0830648</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (32X10)R</td>
<td>0830649</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (35X5,6)R</td>
<td>0830650</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (40X15)R</td>
<td>0800339</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (45X5)R</td>
<td>0800337</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (50X10)R</td>
<td>0800338</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (D12)R</td>
<td>0801376</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>High-temperature labels, on large roll</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>High-temperature label, labeled acc. to customer specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 label per strip</td>
<td>white</td>
</tr>
<tr>
<td>2 labels per strip</td>
<td>white</td>
</tr>
<tr>
<td>3 labels per strip</td>
<td>white</td>
</tr>
<tr>
<td>4 labels per strip</td>
<td>white</td>
</tr>
<tr>
<td>5 labels per strip</td>
<td>white</td>
</tr>
</tbody>
</table>

## Accessories

<table>
<thead>
<tr>
<th>Ink ribbon, specifically for high-temperature labels, EML-HT...</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>black</td>
<td></td>
</tr>
</tbody>
</table>

**Technical data**

- THERMOMARK ROLL + THERMOMARK ROLL X1 + THERMOMARK X1.1 + THERMOMARK X1.2 + THERMOMARK S1.1
- Polyimide
- -40 ... 180
- DIN EN 61010-1 (VDE 0411-1)
- free from silicone and halogen
## Technical data

**THERMOMARK ROLL • THERMOMARK ROLL X1 • THERMOMARK X1.1 • THERMOMARK X1.2 • THERMOMARK S1.1**

- Polyimide
- -40 ... 180
- DIN EN 61010-1 (VDE 0411-1)
- free from silicone and halogen

## Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML-HT (8X8)RL-T</td>
<td>0830651</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (15X6)RL-T</td>
<td>0830652</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (15X15)RL-T</td>
<td>0830653</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (20X7)RL-T</td>
<td>0830654</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (24X4)RL-T</td>
<td>0830655</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (25X8)RL-T</td>
<td>0830656</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (25,4X12,7)RL-T</td>
<td>0830657</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (32X10)RL-T</td>
<td>0830658</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (35X6,5)RL-T</td>
<td>0830659</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (40X15)RL-T</td>
<td>0830660</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (45X5)RL-T</td>
<td>0830661</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (50X10)RL-T</td>
<td>0830662</td>
<td>1</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML-HT (8X8)R CUS</td>
<td>0830169</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (15X6)R CUS</td>
<td>0830663</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (15X15)R CUS</td>
<td>0830170</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (20X7)R CUS</td>
<td>0830664</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (24X4)R CUS</td>
<td>0830665</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (25X8)R CUS</td>
<td>0830666</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (25,4X12,7)R CUS</td>
<td>0830667</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (32X10)R CUS</td>
<td>0830668</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (35X6,5)R CUS</td>
<td>0830669</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (40X15)R CUS</td>
<td>0830168</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (45X5)R CUS</td>
<td>0830166</td>
<td>1</td>
</tr>
<tr>
<td>EML-HT (50X10)R CUS</td>
<td>0830167</td>
<td>1</td>
</tr>
</tbody>
</table>

## Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>THERMOMARK-RIBBON 110-EML-HT</td>
<td>0800342</td>
<td>1</td>
</tr>
</tbody>
</table>
Safe marking for sensitive components on PCBs

Static dissipative adhesive: prevents transmission of voltage and protects the component against electrostatic discharge

Marking service: Phoenix Contact can custom-mark all EML-ESD ... markers according to your requirements

Designation example:

EML-ESD (8x8)R
Lettering field size: 8 x 8 mm
Type of packaging: roll

Notes:

If large rolls are processed with the THERMOMARK ROLL, the external THERMOMARK ROLL-ERH media hub must be used.

1) For ordering example, see page 359.

### General data

Can be printed with:

- Material
- Temperature range [°C]
- Wipe resistance
- Components

### Ordering data

**Type** | Order No. | Pcs. / Pkt.
--- | --- | ---
EML-ESD (8X8)R | 0830564 | 1
EML-ESD (15X6)R | 0830565 | 1
EML-ESD (15X15)R | 0830566 | 1
EML-ESD (20X7)R | 0830567 | 1
EML-ESD (24X4)R | 0830568 | 1
EML-ESD (25X8)R | 0830569 | 1
EML-ESD (25,4X12,7)R | 0830570 | 1
EML-ESD (32X10)R | 0830571 | 1
EML-ESD (35X6,5)R | 0830572 | 1
EML-ESD (40X15)R | 0830573 | 1
EML-ESD (46X5)R | 0830574 | 1
EML-ESD (50X10)R | 0830575 | 1

---

PHOENIX CONTACT

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# Marking and labeling - MARKING system

## Device marking

Unlabeled, on large roll  
Labeled according to customer specifications

<table>
<thead>
<tr>
<th>Technical data</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>THERMOMARK ROLL</strong> • <strong>THERMOMARK ROLL X1</strong> • <strong>THERMOMARK S1.1</strong> • <strong>THERMOMARK X1.1</strong> • <strong>THERMOMARK X1.2</strong></td>
<td><strong>Polyester</strong></td>
</tr>
<tr>
<td>Polyester</td>
<td><strong>-40 ... 150</strong></td>
</tr>
<tr>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
</tr>
<tr>
<td>free from silicone and halogen</td>
<td>free from silicone and halogen</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ordering data</th>
<th>Ordering data</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td><strong>Order No.</strong></td>
</tr>
<tr>
<td>EML-ESD (8X8)RL-T</td>
<td>0830576</td>
</tr>
<tr>
<td>EML-ESD (13X6)RL-T</td>
<td>0830577</td>
</tr>
<tr>
<td>EML-ESD (15X15)RL-T</td>
<td>0830578</td>
</tr>
<tr>
<td>EML-ESD (20X7)RL-T</td>
<td>0830579</td>
</tr>
<tr>
<td>EML-ESD (24X4)RL-T</td>
<td>0830580</td>
</tr>
<tr>
<td>EML-ESD (25X8)RL-T</td>
<td>0830581</td>
</tr>
<tr>
<td>EML-ESD (25X12,7)RL-T</td>
<td>0830582</td>
</tr>
<tr>
<td>EML-ESD (32X10)RL-T</td>
<td>0830583</td>
</tr>
<tr>
<td>EML-ESD (35X5)RL-T</td>
<td>0830584</td>
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<tr>
<td>EML-ESD (40X15)RL-T</td>
<td>0830585</td>
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<tr>
<td>EML-ESD (45X5)RL-T</td>
<td>0830586</td>
</tr>
<tr>
<td>EML-ESD (50X10)RL-T</td>
<td>0830587</td>
</tr>
</tbody>
</table>

| **Type** | **Order No.** |
| EML-ESD (8X8)R CUS | 0830588 |
| EML-ESD (13X6)R CUS | 0830589 |
| EML-ESD (15X15)R CUS | 0830590 |
| EML-ESD (20X7)R CUS | 0830591 |
| EML-ESD (24X4)R CUS | 0830592 |
| EML-ESD (25X8)R CUS | 0830593 |
| EML-ESD (25X12,7)R CUS | 0830594 |
| EML-ESD (32X10)R CUS | 0830595 |
| EML-ESD (35X5)R CUS | 0830596 |
| EML-ESD (40X15)R CUS | 0830597 |
| EML-ESD (45X5)R CUS | 0830598 |
| EML-ESD (50X10)R CUS | 0830599 |
Marking and labeling - MARKING system

Device marking

Stick-on device marking, removable

- Particularly suitable for temporary marking
- The labels adhere well and reliably, and can be removed easily and residue-free if required
- The labels cannot be reused following removal
- Marking service: Phoenix Contact can custom-mark all EML-RM... markers according to your requirements
- Designation example: EML-RM (8x8)R
Lettering field size: 8 x 8 mm
Type of packaging: roll

Notes:
If large rolls are processed with the THERMOMARK ROLL, the external THERMOMARK ROLL-ERH media hub must be used.

1) For ordering example, see page 359.

Unlabeled

Technical data

| Material | Polyester |
| Temperature range [°C] | -40 ... 120 |
| Wipe resistance | DIN EN 61010-1 (VDE 0411-1) |

Components free from silicone and halogen

Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labels, removable</td>
<td></td>
<td>0830528</td>
</tr>
<tr>
<td>4000 labels p. roll</td>
<td>white</td>
<td>0830529</td>
</tr>
<tr>
<td>4000 labels p. roll</td>
<td>white</td>
<td>0830530</td>
</tr>
<tr>
<td>4000 labels p. roll</td>
<td>white</td>
<td>0830531</td>
</tr>
<tr>
<td>4000 labels p. roll</td>
<td>white</td>
<td>0830532</td>
</tr>
<tr>
<td>2500 labels p. roll</td>
<td>white</td>
<td>0830533</td>
</tr>
<tr>
<td>2500 labels p. roll</td>
<td>white</td>
<td>0830534</td>
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<td>2500 labels p. roll</td>
<td>white</td>
<td>0830535</td>
</tr>
<tr>
<td>2500 labels p. roll</td>
<td>white</td>
<td>0830536</td>
</tr>
<tr>
<td>1000 labels p. roll</td>
<td>white</td>
<td>0830537</td>
</tr>
<tr>
<td>Labels, on large roll, removable</td>
<td></td>
<td>830538</td>
</tr>
<tr>
<td>10,000 labels p. roll</td>
<td>white</td>
<td>0830539</td>
</tr>
<tr>
<td>8000 labels p. roll</td>
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</tr>
<tr>
<td>6000 labels p. roll</td>
<td>white</td>
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<tr>
<td>4000 labels p. roll</td>
<td>white</td>
<td>0830542</td>
</tr>
<tr>
<td>2000 labels p. roll</td>
<td>white</td>
<td>0830543</td>
</tr>
<tr>
<td>Labels, removable, labeled according to customer specifications¹</td>
<td></td>
<td>0830544</td>
</tr>
<tr>
<td>4 labels per strip</td>
<td>white</td>
<td>0830545</td>
</tr>
<tr>
<td>5 labels per strip</td>
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<td>6 labels per strip</td>
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<td>7 labels per strip</td>
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<td>14 labels per strip</td>
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<tr>
<td>15 labels per strip</td>
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<td>0830556</td>
</tr>
<tr>
<td>Accessories</td>
<td></td>
<td>0830557</td>
</tr>
<tr>
<td>Ink ribbon, length: 300 m, width: 110 mm</td>
<td>black</td>
<td>0830558</td>
</tr>
</tbody>
</table>

¹) For ordering example, see page 359.
### Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EML-RM (8X8)RL-T</td>
<td>0830540</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (15X6)RL-T</td>
<td>0830541</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (15X15)RL-T</td>
<td>0830542</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (20X7)RL-T</td>
<td>0830543</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (24X4)RL-T</td>
<td>0830544</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (25X8)RL-T</td>
<td>0830545</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (25,4X12,7)RL-T</td>
<td>0830546</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (32X10)RL-T</td>
<td>0830547</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (35X6,5)RL-T</td>
<td>0830548</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (40X15)RL-T</td>
<td>0830549</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (45X5)RL-T</td>
<td>0830550</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (50X10)RL-T</td>
<td>0830551</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (8X8)R CUS</td>
<td>0830552</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (15X6)R CUS</td>
<td>0830553</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (15X15)R CUS</td>
<td>0830554</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (20X7)R CUS</td>
<td>0830555</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (24X4)R CUS</td>
<td>0830556</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (25X8)R CUS</td>
<td>0830557</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (25,4X12,7)R CUS</td>
<td>0830558</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (32X10)R CUS</td>
<td>0830559</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (35X6,5)R CUS</td>
<td>0830560</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (40X15)R CUS</td>
<td>0830561</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (45X5)R CUS</td>
<td>0830562</td>
<td>1</td>
</tr>
<tr>
<td>EML-RM (50X10)R CUS</td>
<td>0830563</td>
<td>1</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>THERMOMARK-RIBBON 110</td>
<td>5145384</td>
<td>1</td>
</tr>
</tbody>
</table>
Marking and labeling - MARKING system

Device marking

Stick-on device marking, with anti-tamper protection

- Tamper-proof label, can be used as a rating plate or seal, for example
- When peeled off, part of the metallic layer comes away, leaving behind a triangular pattern on both the label and the surface
- The safety function is reliable up to 80°C
- Labeling service: Phoenix Contact can custom-label all EMLS ... markers in accordance with your requirements
- The EMLS ... materials are UL-listed
- Designation example: EMLS (15x9)R SR

Lettering field size: 15 x 9 mm
Type of packaging: roll

Can be printed with:

Thermal transfer for rolls

Unlabeled

Technical data

<table>
<thead>
<tr>
<th>Material</th>
<th>Temperature range [°C]</th>
<th>Wipe resistance DIN EN 61010-1 (VDE 0411-1)</th>
<th>Components free from silicone and halogen</th>
</tr>
</thead>
</table>

Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
<th>Pcs / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety labels</td>
<td>silver</td>
<td>0800347</td>
<td>1</td>
</tr>
<tr>
<td>2500 labels p. roll</td>
<td>silver</td>
<td>0800343</td>
<td>1</td>
</tr>
<tr>
<td>1000 labels p. roll</td>
<td>silver</td>
<td>0800344</td>
<td>1</td>
</tr>
<tr>
<td>1000 labels p. roll</td>
<td>silver</td>
<td>0800354</td>
<td>1</td>
</tr>
<tr>
<td>1000 labels p. roll</td>
<td>silver</td>
<td>0800348</td>
<td>1</td>
</tr>
<tr>
<td>1000 labels p. roll</td>
<td>silver</td>
<td>0800345</td>
<td>1</td>
</tr>
<tr>
<td>500 labels p. roll</td>
<td>silver</td>
<td>0800355</td>
<td>1</td>
</tr>
<tr>
<td>500 labels p. roll</td>
<td>silver</td>
<td>0800346</td>
<td>1</td>
</tr>
<tr>
<td>100 labels p. roll</td>
<td>silver</td>
<td>0800351</td>
<td>1</td>
</tr>
<tr>
<td>250 labels p. roll</td>
<td>silver</td>
<td>0800350</td>
<td>1</td>
</tr>
<tr>
<td>250 labels p. roll</td>
<td>silver</td>
<td>0800356</td>
<td>1</td>
</tr>
</tbody>
</table>
Marking and labeling - MARKING system

Device marking

Stick-on device marking, with anti-tamper protection

– All EMLS ... device markers can also be supplied marked according to customer requirements

Notes:

1) For ordering example, see page 359.

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety label, labeled acc. to customer specifications(^1)</td>
<td></td>
<td>EMLS (15X9)R SR CUS</td>
<td>0830175</td>
<td>1</td>
</tr>
<tr>
<td>4 labels per strip</td>
<td>silver</td>
<td>EMLS (19X6)R SR CUS</td>
<td>0830171</td>
<td>1</td>
</tr>
<tr>
<td>4 labels per strip</td>
<td>silver</td>
<td>EMLS (20X20)R SR CUS</td>
<td>0830172</td>
<td>1</td>
</tr>
<tr>
<td>2 labels per strip</td>
<td>silver</td>
<td>EMLS (26.5X12)R SR CUS</td>
<td>0830179</td>
<td>1</td>
</tr>
<tr>
<td>2 labels per strip</td>
<td>silver</td>
<td>EMLS (28.1X19)R SR CUS</td>
<td>0830180</td>
<td>1</td>
</tr>
<tr>
<td>2 labels per strip</td>
<td>silver</td>
<td>EMLS (40X8)R SR CUS</td>
<td>0830176</td>
<td>1</td>
</tr>
<tr>
<td>2 labels per strip</td>
<td>silver</td>
<td>EMLS (40X15)R SR CUS</td>
<td>0830173</td>
<td>1</td>
</tr>
<tr>
<td>1 label per strip</td>
<td>silver</td>
<td>EMLS (60X30)R SR CUS</td>
<td>0830181</td>
<td>1</td>
</tr>
<tr>
<td>1 label per strip</td>
<td>silver</td>
<td>EMLS (70X32)R SR CUS</td>
<td>0830174</td>
<td>1</td>
</tr>
<tr>
<td>1 label per strip</td>
<td>silver</td>
<td>EMLS (70X150)R SR CUS</td>
<td>0830178</td>
<td>1</td>
</tr>
<tr>
<td>1 label per strip</td>
<td>silver</td>
<td>EMLS (76X51)R SR CUS</td>
<td>0830177</td>
<td>1</td>
</tr>
<tr>
<td>1 label per strip</td>
<td>silver</td>
<td>EMLS (85X32)R SR CUS</td>
<td>0830182</td>
<td>1</td>
</tr>
</tbody>
</table>

---

Technical data

<table>
<thead>
<tr>
<th>Material</th>
<th>Polyester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature range</td>
<td>-40 ... 150 °C</td>
</tr>
<tr>
<td>Wipe resistance</td>
<td>DIN EN 61010-1 (VDE 0411-1)</td>
</tr>
<tr>
<td>Components</td>
<td>free from silicone and halogen</td>
</tr>
</tbody>
</table>

For additional information, visit www.phoenixcontact.net/products
### Marking and labeling - MARKING system

#### Device marking

**Snap-in device markers for Axioline systems from Phoenix Contact**

- EMT ... insert strips are available in different sizes for labeling the Axioline modules from Phoenix Contact
- EMT (62...)R insert strips are available in different sizes for labeling the Inline modules from Phoenix Contact
- Can be printed using all the thermal transfer printers available from Phoenix Contact
- Precise printing quality
- An overview of the devices that support labeling can be found starting on page 304

Notes:

1) For ordering example, see page 359.

---

#### Technical data

- Can be printed with: [Symbol for thermal transfer]
- Unlabeled or labeled according to customer specifications

#### General data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insert strips for Axioline modules</td>
<td></td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 35 x 28 mm</td>
<td>white</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 35 x 28 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 35 x 46 mm</td>
<td>white</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 35 x 46 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>Insert strips for Inline modules,</td>
<td></td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 62 x 10 mm</td>
<td>white</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 62 x 10 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>250 labels per roll, lettering field size: 62 x 46 mm</td>
<td>white</td>
</tr>
<tr>
<td>250 labels per roll, lettering field size: 62 x 46 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>Insert strips for Axioline modules, labeled according to customer specifications, 2 markers per strip, lettering field size: 35 x 28 mm)</td>
<td>white</td>
</tr>
<tr>
<td>2 markers per strip, lettering field size: 35 x 28 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>2 markers per strip, lettering field size: 35 x 46 mm</td>
<td>white</td>
</tr>
<tr>
<td>2 markers per strip, lettering field size: 35 x 46 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>Insert strips for Inline modules, labeled according to customer specifications, 1 marker per strip, lettering field size: 62 x 10 mm)</td>
<td>white</td>
</tr>
<tr>
<td>1 marker per strip, lettering field size: 62 x 10 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>1 marker per strip, lettering field size: 62 x 46 mm</td>
<td>white</td>
</tr>
<tr>
<td>1 marker per strip, lettering field size: 62 x 46 mm</td>
<td>yellow</td>
</tr>
</tbody>
</table>

#### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMT (35X28)R</td>
<td>0801602</td>
<td>1</td>
</tr>
<tr>
<td>EMT (35X28)R YE</td>
<td>0801603</td>
<td>1</td>
</tr>
<tr>
<td>EMT (35X46)R</td>
<td>0801604</td>
<td>1</td>
</tr>
<tr>
<td>EMT (35X46)R YE</td>
<td>0801605</td>
<td>1</td>
</tr>
<tr>
<td>EMT (62X10)R</td>
<td>0800057</td>
<td>1</td>
</tr>
<tr>
<td>EMT (62X10)R YE</td>
<td>0800477</td>
<td>1</td>
</tr>
<tr>
<td>EMT (62X46)R</td>
<td>0800059</td>
<td>1</td>
</tr>
<tr>
<td>EMT (62X46)R YE</td>
<td>0800478</td>
<td>1</td>
</tr>
<tr>
<td>EMT (35X28)R CUS</td>
<td>0830291</td>
<td>1</td>
</tr>
<tr>
<td>EMT (35X28)R YE CUS</td>
<td>0830292</td>
<td>1</td>
</tr>
<tr>
<td>EMT (35X46)R CUS</td>
<td>0830293</td>
<td>1</td>
</tr>
<tr>
<td>EMT (35X46)R YE CUS</td>
<td>0830294</td>
<td>1</td>
</tr>
<tr>
<td>EMT (62X10)R CUS</td>
<td>0830251</td>
<td>1</td>
</tr>
<tr>
<td>EMT (62X10)R YE CUS</td>
<td>0830252</td>
<td>1</td>
</tr>
<tr>
<td>EMT (62X46)R CUS</td>
<td>0830253</td>
<td>1</td>
</tr>
<tr>
<td>EMT (62X46)R YE CUS</td>
<td>0830254</td>
<td>1</td>
</tr>
</tbody>
</table>

---

**Material** Polyester

**Temperature range** [°C] -40 ... 120

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

**Components** free from silicone and halogen
**Device markers for Siemens ET 200SP controllers**

- EMT ... insert strips are available for marking Siemens controllers
- Can be printed using all the thermal transfer printers available from Phoenix Contact
- Precise printing quality
- An overview of the devices that support labeling can be found starting on page 304

**Notes:**
For additional information on the use of Siemens devices, see the product area on our website at www.phoenixcontact.net/products.

1) For ordering example, see page 359.

---

**Technical data**

**General data**
Can be printed with:
- THERMOMARK ROLL /g242
- THERMOMARK ROLL X1 /g242
- THERMOMARK X1.1 /g242
- THERMOMARK X1.2 /g242
- THERMOMARK S1.1

Material: Polyester
Temperature range: [°C] -40 ... 120
Wipe resistance: DIN EN 61010-1 (VDE 0411-1)
Components: free from silicone and halogen

**Ordering data**

### Insert strips

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 labels per roll, lettering field size: 31 x 12.5 mm</td>
<td>gray</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 50 x 26 mm</td>
<td>white</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 50 x 26 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 50 x 26 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 103 x 17 mm</td>
<td>white</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 103 x 17 mm</td>
<td>turquoise</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 103 x 17 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 103 x 23 mm</td>
<td>white</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 103 x 23 mm</td>
<td>yellow</td>
</tr>
<tr>
<td>500 labels per roll, lettering field size: 103 x 23 mm</td>
<td>turquoise</td>
</tr>
</tbody>
</table>

### Insert strips with two lettering field sizes per roll

- With 250 each of 50 x 8.8 mm and 27.5 x 12.8 mm
- With 250 each of 50 x 8.8 mm and 27.5 x 12.8 mm
- With 250 each of 50 x 8.8 mm and 27.5 x 12.8 mm

### Insert strips, labeled according to customer specifications

2 markers per strip, lettering field size: 31 x 12.5 mm
2 markers per strip, lettering field size: 50 x 26 mm
2 markers per strip, lettering field size: 103 x 17 mm
2 markers per strip, lettering field size: 103 x 23 mm

For additional information, visit www.phoenixcontact.net/products

---

**Unlabeled or labeled according to customer specifications**

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs./Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EMT (31X12,5)R GY</td>
<td>0801612</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50X26)R</td>
<td>0800052</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50X26)R TQ</td>
<td>0800053</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50X26)R YE</td>
<td>0800054</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X17)R</td>
<td>0800039</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X17)R TQ</td>
<td>0800041</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X17)R YE</td>
<td>0800436</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X23)R</td>
<td>0800040</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X23)R YE</td>
<td>0800437</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X23)R TQ</td>
<td>0800042</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50/28X13)R</td>
<td>0800049</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50/28X13)R YE</td>
<td>0800438</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50/28X13)R TQ</td>
<td>0800050</td>
<td>1</td>
</tr>
<tr>
<td>EMT (31X12,5)R GY CUS</td>
<td>0830390</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50X26)R CUS</td>
<td>0830248</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50X26)R TQ CUS</td>
<td>0830249</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50X26)R YE CUS</td>
<td>0830250</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X17)R CUS</td>
<td>0830238</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X17)R TQ CUS</td>
<td>0830239</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X17)R YE CUS</td>
<td>0830240</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X23)R CUS</td>
<td>0830241</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X23)R TQ CUS</td>
<td>0830242</td>
<td>1</td>
</tr>
<tr>
<td>EMT (103X23)R YE CUS</td>
<td>0830243</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50/28X13)R CUS</td>
<td>0830245</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50/28X13)R TQ CUS</td>
<td>0830246</td>
<td>1</td>
</tr>
<tr>
<td>EMT (50/28X13)R YE CUS</td>
<td>0830247</td>
<td>1</td>
</tr>
</tbody>
</table>
These labels have been specially developed for laser printers
Can be printed on all commercially available laser printers
The unperforated SK U ... sheets are available for custom label designs
Labeling service: Phoenix Contact can custom-label all BMKL ... markers in accordance with your requirements

Notes:
Print image may vary depending on laser printer.

For ordering example, see page 359.

Technical data

Office printing systems
Polyester
DIN EN 61010-1 (VDE 0411-1)
Silicone-free

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheet of labels for laser printer, DIN A4</td>
<td>white</td>
<td>BMKL 12X12 WH 5032361</td>
</tr>
<tr>
<td>1 sheet = 273 labels</td>
<td>white</td>
<td>BMKL 18X6 WH 5032393</td>
</tr>
<tr>
<td>1 sheet = 290 labels</td>
<td>white</td>
<td>BMKL 18X8 WH 5032329</td>
</tr>
<tr>
<td>1 sheet = 205 labels</td>
<td>white</td>
<td>BMKL 25X8 WH 5032332</td>
</tr>
<tr>
<td>1 sheet = 224 labels</td>
<td>white</td>
<td>BMKL 25X12 WH 5032374</td>
</tr>
<tr>
<td>1 sheet = 288 labels</td>
<td>white</td>
<td>BMKL 26,8X6,8 WH 0807106</td>
</tr>
<tr>
<td>1 sheet = 396 labels</td>
<td>white</td>
<td>BMKL 50X12 WH 5032387</td>
</tr>
<tr>
<td>1 sheet = 288 labels</td>
<td>white</td>
<td>BMKL 18X8 YE 5032170</td>
</tr>
<tr>
<td>1 sheet = 224 labels</td>
<td>yellow</td>
<td>BMKL 19X11 YE 0807005</td>
</tr>
<tr>
<td>1 sheet = 168 labels</td>
<td>yellow</td>
<td>BMKL 20X8 YE 5032138</td>
</tr>
<tr>
<td>1 sheet = 126 labels</td>
<td>silver</td>
<td>BMKL 25X12,5 SR 0803676</td>
</tr>
<tr>
<td>1 sheet = 228 labels</td>
<td>white</td>
<td>BMKL 27X8 SR 0803672</td>
</tr>
<tr>
<td>1 sheet = 224 labels</td>
<td>white</td>
<td>BMKL 27X12,5 SR 0803670</td>
</tr>
<tr>
<td>1 sheet = 147 labels</td>
<td>white</td>
<td>BMKL 27X18 SR 0803669</td>
</tr>
<tr>
<td>1 sheet = 228 labels</td>
<td>white</td>
<td>BMKL 27X18 SR 0803667</td>
</tr>
<tr>
<td>1 sheet = 290 labels</td>
<td>yellow</td>
<td>BMKL 27X12,5 SR 0803665</td>
</tr>
<tr>
<td>1 sheet = 63 labels</td>
<td>silver</td>
<td>BMKL 50X12 WH 5032387</td>
</tr>
<tr>
<td>1 sheet = 45 labels</td>
<td>white</td>
<td>BMKL 64X16 WH 5032387</td>
</tr>
<tr>
<td>1 sheet = 21 labels</td>
<td>white</td>
<td>BMKL 64X16 WH 0821807</td>
</tr>
<tr>
<td>1 sheet = 224 labels</td>
<td>white</td>
<td>BMKL 64X16 YE 0824250</td>
</tr>
<tr>
<td>1 sheet = 224 labels</td>
<td>white</td>
<td>BMKL 25X8 WH 5032349</td>
</tr>
<tr>
<td>1 sheet = 126 labels</td>
<td>silver</td>
<td>BMKL 26X10 YE 0811516</td>
</tr>
<tr>
<td>1 sheet = 84 labels</td>
<td>white</td>
<td>BMKL 50X12 WH 5032387</td>
</tr>
<tr>
<td>1 sheet = 224 labels</td>
<td>yellow</td>
<td>BMKL 27X8 SR 0803672</td>
</tr>
<tr>
<td>1 sheet = 84 labels</td>
<td>silver</td>
<td>BMKL 26X10 YE 0821810</td>
</tr>
<tr>
<td>1 sheet = 63 labels</td>
<td>silver</td>
<td>BMKL 27X12,5 SR 0803676</td>
</tr>
<tr>
<td>1 sheet = 45 labels</td>
<td>silver</td>
<td>BMKL 27X18 SR 0803669</td>
</tr>
<tr>
<td>1 sheet = 21 labels</td>
<td>white</td>
<td>BMKL 27X18 SR 0803667</td>
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<tr>
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<td>white</td>
<td>BMKL 27X18 SR 0803665</td>
</tr>
<tr>
<td>1 sheet = 21 labels</td>
<td>white</td>
<td>BMKL 27X12,5 SR 0803665</td>
</tr>
<tr>
<td>1 sheet = 21 labels</td>
<td>white</td>
<td>BMKL 27X18 SR 0803665</td>
</tr>
<tr>
<td>1 sheet = 21 labels</td>
<td>white</td>
<td>BMKL 27X12,5 SR 0803665</td>
</tr>
<tr>
<td>1 sheet = 21 labels</td>
<td>white</td>
<td>BMKL 27X12,5 SR 0803665</td>
</tr>
<tr>
<td>1 sheet = 21 labels</td>
<td>white</td>
<td>BMKL 27X12,5 SR 0803665</td>
</tr>
<tr>
<td>1 sheet = 21 labels</td>
<td>white</td>
<td>BMKL 27X12,5 SR 0803665</td>
</tr>
</tbody>
</table>

Unlabeled or labeled according to customer specifications

Ordering data

Type | Color | Order No. |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BMKL 12X12 WH CUS</td>
<td>white</td>
<td>0824238</td>
</tr>
<tr>
<td>BMKL 18X8 WH CUS</td>
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<td>0824242</td>
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<tr>
<td>BMKL 18X8 WH CUS</td>
<td>white</td>
<td>0824244</td>
</tr>
<tr>
<td>BMKL 25X8 WH CUS</td>
<td>white</td>
<td>0824249</td>
</tr>
<tr>
<td>BMKL 25X12 WH CUS</td>
<td>white</td>
<td>0824250</td>
</tr>
<tr>
<td>BMKL 26,8X6,8 WH CUS</td>
<td>white</td>
<td>0824251</td>
</tr>
<tr>
<td>BMKL 50X12 WH CUS</td>
<td>white</td>
<td>0824257</td>
</tr>
<tr>
<td>BMKL 64X16 WH CUS</td>
<td>white</td>
<td>0824259</td>
</tr>
<tr>
<td>BMKL 64X34 WH CUS</td>
<td>white</td>
<td>0824261</td>
</tr>
<tr>
<td>BMKL 15X9 YE CUS</td>
<td>white</td>
<td>0824240</td>
</tr>
<tr>
<td>BMKL 16X6 YE CUS</td>
<td>white</td>
<td>0824241</td>
</tr>
<tr>
<td>BMKL 18X8 YE CUS</td>
<td>white</td>
<td>0824245</td>
</tr>
<tr>
<td>BMKL 18X11 YE CUS</td>
<td>white</td>
<td>0824246</td>
</tr>
<tr>
<td>BMKL 20X8 YE CUS</td>
<td>white</td>
<td>0824246</td>
</tr>
<tr>
<td>BMKL 25X8 YE CUS</td>
<td>white</td>
<td>0824248</td>
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<tr>
<td>BMKL 25X12 YE CUS</td>
<td>white</td>
<td>0824252</td>
</tr>
<tr>
<td>BMKL 26X10 YE CUS</td>
<td>white</td>
<td>0824260</td>
</tr>
<tr>
<td>BMKL 27X8 SR CUS</td>
<td>white</td>
<td>0824253</td>
</tr>
<tr>
<td>BMKL 27X12,5 SR CUS</td>
<td>white</td>
<td>0824254</td>
</tr>
<tr>
<td>BMKL 27X18 SR CUS</td>
<td>white</td>
<td>0824255</td>
</tr>
<tr>
<td>BMKL 27X27 SR CUS</td>
<td>white</td>
<td>0824256</td>
</tr>
<tr>
<td>BMKL 18X6,5 OG CUS</td>
<td>white</td>
<td>0824243</td>
</tr>
</tbody>
</table>

Marking sheet, unperforated, self-adhesive, DIN A4 format

<table>
<thead>
<tr>
<th>Color</th>
<th>Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>white</td>
<td>BMKL 18X12 WH CUS 0800129</td>
</tr>
<tr>
<td>yellow</td>
<td>BMKL 18X12 WH CUS 0800132</td>
</tr>
<tr>
<td>silver</td>
<td>BMKL 18X12 WH CUS 0800145</td>
</tr>
</tbody>
</table>
Stick-on device marking

- Self-adhesive labels for labeling by hand or with a plotter
- Secure adhesion even on curved or uneven surfaces as well as at corners
- Available in various dimensions
- Labeling service: Phoenix Contact can custom-label all BMK ... markers in accordance with your requirements

Notes:

1) For ordering example, see page 359.

Can be printed with:

- Plotter

Unlabeled or labeled according to customer specifications

Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Label sheet</td>
<td></td>
</tr>
<tr>
<td>1 sheet = 270 labels</td>
<td>white</td>
</tr>
<tr>
<td>1 sheet = 324 labels</td>
<td>yellow</td>
</tr>
<tr>
<td>1 sheet = 198 labels</td>
<td>yellow</td>
</tr>
<tr>
<td>1 sheet = 270 labels</td>
<td>yellow</td>
</tr>
<tr>
<td>1 sheet = 88 labels</td>
<td>yellow</td>
</tr>
</tbody>
</table>

Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMK 20X 8 WH</td>
<td>0805470</td>
<td>10</td>
</tr>
<tr>
<td>BMK 15X 9 YE</td>
<td>5031605</td>
<td>10</td>
</tr>
<tr>
<td>BMK 19X11 YE</td>
<td>5031582</td>
<td>10</td>
</tr>
<tr>
<td>BMK 20X 8 YE</td>
<td>5031388</td>
<td>10</td>
</tr>
<tr>
<td>BMK 38X11 YE</td>
<td>5031676</td>
<td>10</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMK 20X 8 WH CUS</td>
<td>0824231</td>
<td>1</td>
</tr>
<tr>
<td>BMK 15X 9 YE CUS</td>
<td>0824229</td>
<td>1</td>
</tr>
<tr>
<td>BMK 19X11 YE CUS</td>
<td>0824230</td>
<td>1</td>
</tr>
<tr>
<td>BMK 20X 8 YE CUS</td>
<td>0824232</td>
<td>1</td>
</tr>
<tr>
<td>BMK 38X11 YE CUS</td>
<td>0824233</td>
<td>1</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMS-P1-PAD</td>
<td>5144819</td>
<td>1</td>
</tr>
</tbody>
</table>
Marking and labeling - MARKING system

Device marking

Stick-on device marking, can be engraved or labeled with writing

- The label sheet is made up of prefabricated, individual self-adhesive labels
- The adhesive foil used ensures good adhesive properties, even on uneven surfaces
- Can be easily labeled using the CMS-P1-PLOTTER
- Can be engraved using the P1 ENGRAVING UNIT
- Two-layer material
- Labeling service: Phoenix Contact can custom-label all GPE ... markers in accordance with your requirements

Notes:
For matching magazines to accommodate the label sheets, see page 46.
1) For ordering example, see page 359.

Can be printed with:

- Engraving
- Plotter

Unlabeled or labeled according to customer specifications

Technical data

P1 ENGRAVING UNIT + CMS-P1-PLOTTER
TRANSPLY-ABS
DIN EN 61010-1 (VDE 0411-1)
free from silicone and halogen

Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Order No.</th>
<th>Pcs./Pkt</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Plastic label sheet, self-adhesive double-layer plastic labels,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>material thickness: 0.8 mm, square corners</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 sheet = 120 labels</td>
<td>GPE 13X 9 WH</td>
<td>0806932</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 75 labels</td>
<td>GPE 17,5X12 WH</td>
<td>0806916</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 100 labels</td>
<td>GPE 20X 7 WH</td>
<td>0806990</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 88 labels</td>
<td>GPE 20X 8 WH</td>
<td>0806945</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 60 labels</td>
<td>GPE 22X12 WH</td>
<td>0806929</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 9 labels</td>
<td>GPE 25X26 WH</td>
<td>0806958</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 21 labels</td>
<td>GPE 60X12 RD-WH</td>
<td>0824202</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 5 labels</td>
<td>GPE 70X32 YE</td>
<td>0824215</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 30 labels</td>
<td>GPE 8X17,5 SR</td>
<td>0807889</td>
</tr>
<tr>
<td></td>
<td>Plastic label sheet, labeled according to customer requirements 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 sheet = 120 labels</td>
<td>GPE 13X 9 WH CUS</td>
<td>0824414</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 75 labels</td>
<td>GPE 17,5X12 WH CUS</td>
<td>0824415</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 100 labels</td>
<td>GPE 20X 7 WH CUS</td>
<td>0824416</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 88 labels</td>
<td>GPE 20X 8 WH CUS</td>
<td>0824417</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 60 labels</td>
<td>GPE 22X12 WH CUS</td>
<td>0824418</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 9 labels</td>
<td>GPE 25X26 WH CUS</td>
<td>0824429</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 9 labels</td>
<td>GPE 60X30 WH CUS</td>
<td>0824432</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 21 labels</td>
<td>GPE 60X12 RD-WH CUS</td>
<td>0827720</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 5 labels</td>
<td>GPE 70X32 YE CUS</td>
<td>0827721</td>
</tr>
<tr>
<td></td>
<td>Plastic label sheet, self-adhesive double-layer plastic labels,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>material thickness: 0.8 mm, with rounded corners, radius: 2 mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 sheet = 66 labels</td>
<td>GPE 27X 8 WH/R</td>
<td>0815198</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 30 labels</td>
<td>GPE 27X18 WH/R</td>
<td>0815208</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 26 labels</td>
<td>GPE 45X14 WH/R</td>
<td>0815282</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 21 labels</td>
<td>GPE 60X12 WH/R</td>
<td>0807630</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 9 labels</td>
<td>GPE 60X30 WH/R</td>
<td>0815292</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 32 labels</td>
<td>GPE 23X22 SR/R</td>
<td>0806628</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 66 labels</td>
<td>GPE 27X 8 SR/R</td>
<td>0806877</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 42 labels</td>
<td>GPE 27X12,5 SR/R</td>
<td>0806880</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 30 labels</td>
<td>GPE 27X18 SR/R</td>
<td>0806893</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 18 labels</td>
<td>GPE 27X27 SR/R</td>
<td>0806903</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 26 labels</td>
<td>GPE 45X14 SR/R</td>
<td>0807009</td>
</tr>
<tr>
<td></td>
<td>1 sheet = 21 labels</td>
<td>GPE 60X12 SR/R</td>
<td>0806631</td>
</tr>
</tbody>
</table>

Ordering data

General data

Can be printed with:
- Material
- Temperature range [°C] -40 ... 120
- Wipe resistance DIN EN 61010-1 (VDE 0411-1)

Components

Technical data
– High level of resistance to chemical and mechanical effects
– High-quality appearance
– Can be easily labeled using the CMS-P1-PLOTTER
– Can be engraved using the P1 ENGRAVING UNIT
– For marking components, devices, and buttons
– Labeling service: Phoenix Contact can custom-label all EMLP markers in accordance with your requirements

Notes:
1) For ordering example, see page 359.

Technical data

Can be printed with:

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic label sheet, with a hole for 24 mm Ø pushbutton, self-adhesive double-layer plastic labels, material thickness: 0.8 mm</td>
<td>white</td>
<td>EMLP 24 (30X12)</td>
<td>0822301</td>
<td>1</td>
</tr>
<tr>
<td>1 sheet = 6 labels</td>
<td>black</td>
<td>EMLP 24 (30X12) BK</td>
<td>0822314</td>
<td>1</td>
</tr>
<tr>
<td>1 sheet = 6 labels</td>
<td>silver</td>
<td>EMLP 24 (30X12) SR</td>
<td>0822330</td>
<td>1</td>
</tr>
<tr>
<td>Plastic label sheet, with a hole for a 24 mm Ø button, self-adhesive double-layer plastic labels, material thickness: 0.8 mm, labeled according to customer specifications¹</td>
<td>white</td>
<td>EMLP 24 (30X12) CUS</td>
<td>0824364</td>
<td>1</td>
</tr>
<tr>
<td>1 sheet = 6 labels</td>
<td>black</td>
<td>EMLP 24 (30X12) BK CUS</td>
<td>0824365</td>
<td>1</td>
</tr>
<tr>
<td>1 sheet = 6 labels</td>
<td>silver</td>
<td>EMLP 24 (30X12) SR CUS</td>
<td>0824366</td>
<td>1</td>
</tr>
<tr>
<td>Plastic label sheet, with a hole for 32 mm Ø pushbutton, self-adhesive double-layer plastic labels, material thickness: 0.8 mm</td>
<td>white</td>
<td>EMLP 32 (38X14)</td>
<td>0822291</td>
<td>1</td>
</tr>
<tr>
<td>1 sheet = 6 labels</td>
<td>black</td>
<td>EMLP 32 (38X14) BK</td>
<td>0822327</td>
<td>1</td>
</tr>
<tr>
<td>1 sheet = 6 labels</td>
<td>silver</td>
<td>EMLP 32 (38X14) SR</td>
<td>0822343</td>
<td>1</td>
</tr>
<tr>
<td>Plastic label sheet, with a hole for a 32 mm Ø button, self-adhesive double-layer plastic labels, material thickness: 0.8 mm, labeled according to customer specifications¹</td>
<td>white</td>
<td>EMLP 32 (38X14) CUS</td>
<td>0824371</td>
<td>1</td>
</tr>
<tr>
<td>1 sheet = 6 labels</td>
<td>black</td>
<td>EMLP 32 (38X14) BK CUS</td>
<td>0824372</td>
<td>1</td>
</tr>
<tr>
<td>1 sheet = 6 labels</td>
<td>silver</td>
<td>EMLP 32 (38X14) SR CUS</td>
<td>0824373</td>
<td>1</td>
</tr>
</tbody>
</table>

Accessories

| Magazine, to hold 1 GPE label sheet | CMS-P1-M/GPE ENGRAVING | 5145711 | 1 |

For additional information, visit www.phoenixcontact.net/products
Marker carrier

- CARRIER-EMP ... marker carriers are used in conjunction with UC-EMP ... / US-EMP ... snap-in labels
- They are used to clearly identify devices and control cabinets
- They can be assembled using screws or rivets

Marker carriers, can be labeled using snap-in markers for control devices

- Snap-in UC-/US-EMP ... labels are available for marking CARRIER-EMP 22 ... marker carriers
- Can be used for all buttons and switches with 22 mm diameter
Marker carriers, can be labeled using control device labels

- Can be used for all buttons and switches with a 22 mm diameter
- The large labeling areas provided by the CARRIER–EMLP can be custom-labeled using EML ... thermal transfer labels
- EMLPR ... transparent adhesive protective foil can be used for additional protection of the label surfaces

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marker carrier, for buttons and switches with 22 mm diameter, can be labeled with EML ... self-adhesive labels</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marker size: 27 x 8 mm</td>
<td>black</td>
<td>CARRIER-EMLP 22 (27X8)</td>
<td>0828984</td>
<td>50</td>
</tr>
<tr>
<td>Marker size: 27 x 12.5 mm</td>
<td>black</td>
<td>CARRIER-EMLP 22 (27X12,5)</td>
<td>0828985</td>
<td>50</td>
</tr>
<tr>
<td>Marker size: 27 x 15 mm</td>
<td>black</td>
<td>CARRIER-EMLP 22 (27X15)</td>
<td>0828986</td>
<td>50</td>
</tr>
<tr>
<td>Marker size: 27 x 18 mm</td>
<td>black</td>
<td>CARRIER-EMLP 22 (27X18)</td>
<td>0828987</td>
<td>50</td>
</tr>
<tr>
<td>Marker size: 27 x 27 mm</td>
<td>black</td>
<td>CARRIER-EMLP 22 (27X27)</td>
<td>0828988</td>
<td>50</td>
</tr>
</tbody>
</table>

**Transparent stick-on or snap-in cover**

- Stuck or snapped onto labeled CARRIER ... to protect the labels
- Extremely thick, yet flexible and transparent shock protection
- High level of mechanical and chemical stability
- Suitable for permanent outdoor use

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shock protection foil, designed for sticking into CARRIER-EMLP ...</td>
<td>transparent</td>
<td>EMLPR (26,5X14,5)</td>
<td>0800546</td>
<td>10</td>
</tr>
<tr>
<td>51 labels per sheet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>42 labels per sheet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 labels per sheet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shock protection, designed for snapping into CARRIER-EMP ...</td>
<td>transparent</td>
<td>EMPPR (27X15)</td>
<td>0829535</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EMPPR (27X18)</td>
<td>0829536</td>
<td>50</td>
</tr>
</tbody>
</table>
Marking and labeling - MARKING system

Device marking

Marking profiles

- Self-adhesive marker carriers, available by the meter for shortening as per individual requirements
- Powerful adhesion and optimum grip on standard device surfaces
- The P-SS-ZB 100 is particularly suitable for accommodating SS-ZB, UC-EM (20X9), UCT-EM (20X9)
- The P-ZB METER can accommodate marking material for the tall and flat marker grooves found on Phoenix Contact modular terminal blocks

### Technical data

<table>
<thead>
<tr>
<th>Material</th>
<th>Inflammability class according to UL 94</th>
<th>Temperature range [°C]</th>
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</thead>
<tbody>
<tr>
<td>PVC</td>
<td>V0</td>
<td>-15 ... 80</td>
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### Ordering data

<table>
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<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
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</thead>
<tbody>
<tr>
<td>Profile, self-adhesive, for accommodating SS-ZB labels, UC-EM (20X9), UCT-EM (20X9), length: 1 m</td>
<td>gray</td>
<td>P-SS-ZB 100</td>
<td>1013737</td>
<td>10</td>
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<tr>
<td>Profile, self-adhesive, designed to accommodate UC-EM ... UC-EM ... ZB ... length: 1 m</td>
<td>gray</td>
<td>P-ZB METER</td>
<td>1051864</td>
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### Marking profiles

- CARRIER-EMP ... marker carriers can be custom-labeled with UC-EMP .../US-EMP ... and EMT ... device markers
- For marking devices
- For marking assemblies
- For marking control and switchgear

### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Type</th>
<th>Order No.</th>
<th>Pcs. / Pkt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile, for screwing or riveting, 1000 mm long, for accommodating UC-.../US-... and EMT-... material with a height of 15 mm</td>
<td>gray transparent</td>
<td>CARRIER-EMP (100X15) GY</td>
<td>0829366</td>
<td>25</td>
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<tr>
<td>CARRIER-EMP (100X15) TR</td>
<td>0829530</td>
<td>25</td>
<td></td>
<td></td>
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<tr>
<td>Profile, self-adhesive, 1000 mm long, for accommodating UC-.../US-... and EMT-... material with a height of 15 mm</td>
<td>gray transparent</td>
<td>CARRIER-EMP (1000X15) GY</td>
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<tr>
<td>CARRIER-EMP (1000X15) TR</td>
<td>0829560</td>
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</tr>
<tr>
<td>CARRIER-EMP (1000X15) COVER</td>
<td>0829520</td>
<td>25</td>
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</tbody>
</table>
Marker carrier

- Self-adhesive marker carriers for marking devices and components
- Powerful adhesion and optimum grip on standard device surfaces
- These carrier materials can be fitted, e.g., with UC-WMT ..., US-WMT ..., EMT ..., and UCT-WMT

### Technical data

- **PVC**
- V0
- -40 ... 60 °C
- Silicone-free

### Ordering data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
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<th>Pcs. / Pkt.</th>
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</thead>
<tbody>
<tr>
<td><strong>Component marking label</strong>, self-adhesive, can be labeled with UC-WMT ..., US-WMT ..., EMT ..., and UCT-WMT</td>
<td>transparent</td>
<td>PAB-SK 15</td>
<td>1013287</td>
<td>500</td>
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<td></td>
<td>transparent</td>
<td>PAB-SK 30</td>
<td>1013290</td>
<td>200</td>
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<tr>
<td>Lettering field size: 15 x 4 mm</td>
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<tr>
<td>Lettering field size: 30 x 4 mm</td>
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<tr>
<td>UniCard, with insert strips for PATG and PATO marking collars</td>
<td>white</td>
<td>UC-WMT (15X4)</td>
<td>0819398</td>
<td>10</td>
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<tr>
<td></td>
<td>yellow</td>
<td>UC-WMT (15X4) YE</td>
<td>0819408</td>
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<tr>
<td></td>
<td>white</td>
<td>UC-WMT (30X4)</td>
<td>0819437</td>
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<td></td>
<td>yellow</td>
<td>UC-WMT (30X4) YE</td>
<td>0819440</td>
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<tr>
<td>UniSheet, with insert strips for PATG and PATO marking collars</td>
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<td>US-WMT (15X4)</td>
<td>0828767</td>
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<td></td>
<td>yellow</td>
<td>US-WMT (15X4) YE</td>
<td>0828954</td>
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<td></td>
<td>white</td>
<td>US-WMT (30X4)</td>
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<td></td>
<td>yellow</td>
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<tr>
<td>UniCard, with insert strips for PATG and PATO marking collars</td>
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<td>UCT-WMT (15X4)</td>
<td>0801446</td>
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<td></td>
<td>yellow</td>
<td>UCT-WMT (15X4) YE</td>
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<td></td>
<td>white</td>
<td>UCT-WMT (30X4)</td>
<td>0801422</td>
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<td></td>
<td>yellow</td>
<td>UCT-WMT (30X4) YE</td>
<td>0801423</td>
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</tbody>
</table>
Control cabinet markers consisting of a transparent cap and a base carrier.

The base carrier features two fixing holes so that it can be screwed on.

Once labeled, the insert label is inserted in the cap and this is then snapped onto the base carrier.

The labeling is protected against external influences.

The ES-SSMK... insert strips can be labeled using the CMS-P1-PLOTTER and the CMS-P1-PAD magazine.

### Technical data

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
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<tbody>
<tr>
<td>Control cabinet marker, two mounting holes M3</td>
<td>transparent/white</td>
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<tr>
<td>Size: 60 x 18 mm, lettering field: 56 x 14 mm, incl. 1 x ES-SSMK-GB 60X18</td>
<td>transparent/white</td>
</tr>
<tr>
<td>Size: 96 x 30 mm, lettering field: 92 x 26 mm, incl. 1 x ES-SSMK-GB 90X30</td>
<td>transparent/white</td>
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### Ordering data

<table>
<thead>
<tr>
<th>Type</th>
<th>Order No.</th>
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<tbody>
<tr>
<td>SSMK 60X18</td>
<td>5032439</td>
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<tr>
<td>SSMK 96X30</td>
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### Accessories

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<tr>
<td>ES-SSMK-GB 60X18</td>
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</tr>
<tr>
<td>ES-SSMK-GB 96X30</td>
<td>5032455</td>
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</table>
Transparent stick-on cover

- Extremely thick, but flexible and transparent label made from halogen-free PU
- Stuck over labels or markers that have been labeled to protect them
- High level of mechanical and chemical stability
- Suitable for permanent outdoor use

Technical data

<table>
<thead>
<tr>
<th>Description</th>
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<tr>
<td>Shock protection foil, designed for sticking into CARRIER-EMLP...</td>
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<tr>
<td>51 labels per sheet</td>
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<td>42 labels per sheet</td>
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<td>30 labels per sheet</td>
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<td>14 labels per sheet</td>
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<td>6 labels per sheet</td>
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<td>4 labels per sheet</td>
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<td>9 labels per sheet</td>
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Ordering data

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<th>Type</th>
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<th>Pcs./Pkt.</th>
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<tbody>
<tr>
<td>EMLP (26.5X14,5)</td>
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<td>EMLP (26.5X17,5)</td>
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<tr>
<td>EMLP (26.5X26,5)</td>
<td>0800361</td>
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<td>EMLP (30X40)</td>
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<td>EMLP (80X42)</td>
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<td>EMLP (80X60)</td>
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<td>EMLP (100X30)</td>
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## Catalog 7: interface technology and switchgear

<table>
<thead>
<tr>
<th>INTERFACE Relay PLC power terminal block Order No. 2966508</th>
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<tbody>
<tr>
<td>INTERFACE Relay PLC-B..., PLC-O..., PLC-R...</td>
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<tr>
<td>DEK-REL... relay terminal block</td>
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<tr>
<td>DEK-OE... special relays</td>
</tr>
<tr>
<td>DEK-TR... inverter module</td>
</tr>
<tr>
<td>COMPACT-LINE UM 45...</td>
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<tr>
<td>PROCESS INTERFACE PI-EX...</td>
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<td>RIFLINE complete</td>
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## Catalog 4: sensor/actuator cabling and industrial plug-in connectors

<table>
<thead>
<tr>
<th>SACB with M8 slots</th>
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<tbody>
<tr>
<td>SACB with M12 slots</td>
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<tr>
<td>SACB with M5 slots</td>
</tr>
<tr>
<td>SACB-SPEEDCON distributor boxes with M12 slots and metal threads</td>
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<tr>
<td>SACB-SPEEDCON distributor boxes with M12 slots and plug-in screw connection</td>
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<tr>
<td>Distributor boxes with QUICKON slots</td>
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<tr>
<td>Sensor/actuator cabling accessories</td>
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<tr>
<td>PSR-SACB sensor box with M12 slots</td>
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<tr>
<td>VS-SCRJ..., VS-IL-2X... data plug-in connectors</td>
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<tr>
<td>ASI CC DIST... AS-Interface distributor</td>
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<tr>
<td>VS-SI... front plate</td>
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<tr>
<td>HC-M... modular contact insert</td>
</tr>
<tr>
<td>HEAVYCON HC-B...A... heavy-duty plug-in connectors</td>
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<tr>
<td>HEAVYCON HC-D...A... heavy-duty plug-in connectors</td>
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## Catalog 6: Surge Protection and Power Supply Units

<table>
<thead>
<tr>
<th>Product</th>
<th>UC-TM 6</th>
<th>UC-TM 6</th>
<th>UC-TM 6</th>
<th>UC-TMF 5</th>
<th>UC-TMF 5</th>
<th>UC-TMF 18</th>
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<tr>
<td>FLASHTRAB Compact PLUS Lightning Arrester</td>
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<tr>
<td>FLASHTRAB PLUS Lightning Arrester</td>
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<tr>
<td>VALVETRAB Compact Surge Arrester</td>
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<td>VALVETRAB MS Surge Arrester</td>
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<td>MAINS-PLUGTRAB Device Protection</td>
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<td>PLUGTRAB with Function Monitoring PT-IQ</td>
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<td>PLUGTRAB PT… Plug-in Surge Protection Cascade</td>
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<td>Modular Terminal Blocks with TT… Surge Protection Elements</td>
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## Catalog 8: Control Technology, I/O Systems, Automation Infrastructure

<table>
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<tr>
<th>Product</th>
<th>UC-TM 6</th>
<th>UC-TM 6</th>
<th>UC-TM 6</th>
<th>UC-TMF 5</th>
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<th>UC-TMF 12</th>
<th>UC-TMF 12</th>
<th>UC-TMF 6</th>
<th>UC-TMF 6</th>
<th>UC-TMF 18</th>
<th>UC-TMF 18</th>
<th>EMT (3X18.7)</th>
<th>EMT (3X28)</th>
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### Device marking for devices from other manufacturers

<table>
<thead>
<tr>
<th>Device Marking</th>
<th>ABB</th>
<th>PHOENIX CONTACT</th>
<th>Allen-Bradley</th>
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</thead>
<tbody>
<tr>
<td>Miniature circuit breaker S 221..., S 223..., S 281..., S 284...</td>
<td>UC-EM (17,5X7,5)</td>
<td></td>
<td>100-C09Z*10, 100-F A22, 100-F A40</td>
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<tr>
<td>Residual current device F271..., F172...</td>
<td>UC-EM (17,5X8)</td>
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<td>Motor starter 140M x</td>
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<tr>
<td>Switch, button, indicator light E 221..., E 222..., E 223...</td>
<td>UCT-EM (17X9)</td>
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<tr>
<td>Switch, button, indicator light E 225..., E 226..., E 227...</td>
<td>UCT-EM (17,5X7,5)</td>
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<tr>
<td>Power dimmer STD...</td>
<td>UCT-EM (17,5X8)</td>
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<tr>
<td>Power supply unit NTLS...</td>
<td>UCT-EM (17X8)</td>
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<tr>
<td>Power consumption meter RS 232...</td>
<td>UCT-EM (20X9)</td>
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<td>Installation contactors ESB..., EN...</td>
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<tr>
<td>Miniature circuit breakers LE1..., LE3..., LP1-3..., LPUC 1/2, LP1NA..., LP3NA...</td>
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<tr>
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<td>F1 signal generator FISG...</td>
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<tr>
<td>Load switch IS...</td>
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<tr>
<td>Surge arrester SA 4...</td>
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<tr>
<td>Logic modules</td>
<td>Logic and extension module LM..., DO..., DX...</td>
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<td>Marking and labeling - MARKING system</td>
<td>Device marking</td>
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### Beckhoff
- **BK 3010, BK 3110**
- **BC 2000, BC 3100, BC 4000**
- **BC 9000, BC 9050**
- **Field distributor IE 3112-2-00**
- **IL 2301-B310**
- **SAI distributor (sensor/actuator interface)**

### Bernecke + Rainer
**X20 system**

### Bosch/Rexroth
**Bosch/distributor**

For additional information, visit [www.phoenixcontact.net/products](http://www.phoenixcontact.net/products)
## Device marking for devices from other manufacturers

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<td>PGSV, PSP</td>
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### Finder
- Variclip (relay retaining bracket)
- Variclip 020.24
- Sockets with screw and spring-cage terminal block, 93 series

### HARTING
- Front plate Han - Port
- Plug-in connector Han - Snap
- Connection distributor Han - E AV
- Connection distributor Han - D AV

### ifm-electronic
- AC 20 xx classic module/universal M
- AC 24 80/81 CompactLine
- AC 5210 AS-i module
- AV 52xx ClassicLine
- AC 225 SmartLine
- ClassicLine distribution module AC52...
- Active AS-i module AC2480
- AC 50 xx module bases
- Active AS-i module AC225...
- Compact module AC 24 xx
## Marking and labeling - MARKING system

### Device marking

#### Device marking for devices from other manufacturers

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# MARKING and LABELING

## MURR ELEKTRONIK

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<td>B6 mini contact</td>
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## Marking and labeling - MARKING system

### Device marking

### Device marking for devices from other manufacturers

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### Siemens

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### Marking and labeling - MARKING system

#### Device marking

**Device marking for devices from other manufacturers**

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## Marking and labeling - MARKING system

### Device marking

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## Marker carriers from other manufacturers

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