

# UC-EM (17,5X9) - Snap-in markers



0827490

<https://www.phoenixcontact.com/in/products/0827490>

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Snap-in markers, Sheet, white, unlabeled, can be labeled with: BLUEMARK ID, BLUEMARK ID COLOR, BLUEMARK CLED, BLUEMARK LED, CMS-P1-PLOTTER, PLOTMARK, mounting type: snapped, lettering field size: 17.5 x 9 mm, Number of individual labels: 20

## Your advantages

- The markers, which are supplied in uniform sheets, can be labeled quickly and easily using the BLUEMARK LED
- The UC-EM ... UniCard labeling range includes markers for devices and switching devices from a wide range of manufacturers
- The format automatically ensures printing with a high degree of positioning accuracy
- The wide temperature range means that the labels can be used in control cabinets as well as the field
- The sheets provide space for including function texts

## Commercial data

Item number	0827490
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BG2
Product key	BG2417
Catalog page	Page 304 (C-3-2019)
GTIN	4046356458047
Weight per piece (including packing)	11.55 g
Weight per piece (excluding packing)	10.21 g
Customs tariff number	39269097
Country of origin	PL

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## Technical data

### Product properties

Product type	Device marking
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#### Data management status

Article revision	05
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#### Marking

Number of individual labels	20
Number of individual labels per row	5
Identification technology	UV LED technology

### Mounting

Mounting type	snapped
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### Material specifications

RoHS compliant	yes
Color	white
Material	PA
Flammability rating according to UL 94	V2
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	120 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 2
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 2
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 2
Components	free from silicone and halogen

### Environmental and real-life conditions

#### Test for substances that would hinder coating with paint or varnish

Result	Test passed
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#### UV resistance

Specification	ISO 4892-2:2013-03 (following)
Result	Test passed
Test duration	96 h

#### Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07 DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropyl [CAS No. 67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed

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## Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN 50018:2013-05
Result	Test passed
Climate level	AHT 1.0 S
Cycles	2

## Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed

## Ambient conditions

Ambient temperature (operation)	-40 °C ... 120 °C
Recommended storage conditions	23 °C/50 % relative humidity. Storage in a dry and dark place in the original packaging is recommended.
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %

## Dimensions

Width	17.5 mm
Text field width	17.50 mm
Text field height	9.00 mm
Length	9 mm

## Standards and regulations

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

### ECLASS

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

### ETIM

ETIM 9.0	EC001288
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### UNSPSC

UNSPSC 21.0	39131500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### EU REACH SVHC

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

### BLUEMARK ID - Printer

1003334

<https://www.phoenixcontact.com/in/products/1003334>



Monochrome printer with UV inkjet technology and integrated "MARKING system app" identification software. 7" touch color display for printing plastic labels in UC, UCT, US, and UM format, as well as metal labels.

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### BLUEMARK ID COLOR - Printer

1002329

<https://www.phoenixcontact.com/in/products/1002329>



CMYK multicolor printer with UV inkjet technology, with integrated "MARKING system app" identification software, 7" touch color display for printing plastic labels in UC, UCT, and UM format, as well as metal labels.

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### PLOTMARK - Marking plotter

0804499

<https://www.phoenixcontact.com/in/products/0804499>

Marking plotter for the entire portfolio of UC marking materials and materials in sheet and strip format.



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### CMS-P1-PLOTTER - Marking plotter

5144615

<https://www.phoenixcontact.com/in/products/5144615>

Marking plotter, weight: 8 kg, length: 0.66 m, width: 440 mm, height: 125 mm, color: silver



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## BM ID-CARTR. BK - Ink cartridge

1044345

<https://www.phoenixcontact.com/in/products/1044345>

Replacement UV fluid, 23 ml, color: black



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## BM ID-CARTR. CY - Ink cartridge

1044346

<https://www.phoenixcontact.com/in/products/1044346>

Replacement UV fluid, 23 ml, color: cyan





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## BM ID-CARTR. MA - Ink cartridge

1044347

<https://www.phoenixcontact.com/in/products/1044347>



Replacement UV fluid, 23 ml, color: magenta

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## BM ID-CARTR. YE - Ink cartridge

1044348

<https://www.phoenixcontact.com/in/products/1044348>



Replacement UV fluid, 23 ml, color: yellow

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## BM ID-CLEANING CARTR. - Cleaning cartridge

1044350

<https://www.phoenixcontact.com/in/products/1044350>



Replacement cleaning cartridge

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## BLUEMARK CLED-FLUID-CARTR. - Ink cartridge

5146662

<https://www.phoenixcontact.com/in/products/5146662>



Cartridge, for replacement, 20 ml UV color, black, including cleaning cartridge

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## BLUEMARK FLUID-CARTRIDGE - Ink cartridge

5147421

<https://www.phoenixcontact.com/in/products/5147421>

Cartridge, for replacement, 28 ml UV color, black including cleaning cartridge



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## CMS-DISPOSABLE-PEN 0,25 TR - Marker pen

5146685

<https://www.phoenixcontact.com/in/products/5146685>

Disposable pen, incl. adapter, integrated ink cartridge and pen station, writing thickness: 0.25 mm



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### CMS-DISPOSABLE-PEN 0,35 TR - Marker pen

5146686

<https://www.phoenixcontact.com/in/products/5146686>

Disposable pen, incl. adapter, integrated ink cartridge and pen station, writing thickness: 0.35 mm



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### CMS-INK-TR-C5 - Ink cartridge

5146684

<https://www.phoenixcontact.com/in/products/5146684>

Ink cartridge, special black ink, 5 cartridges of 1 ml each, for high demands



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### CMS-PEN 0,25 - Marker pen

5067815

<https://www.phoenixcontact.com/in/products/5067815>

Marker pen, incl. adapter, ink tank and reservoir, 0.25 mm nib



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### CMS-PEN 0,35 - Marker pen

5067828

<https://www.phoenixcontact.com/in/products/5067828>

Marker pen, incl. adapter, ink tank and reservoir, 0.35 mm nib



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### CMS-PEN 0,50 - Marker pen

5067831

<https://www.phoenixcontact.com/in/products/5067831>

Marker pen, incl. adapter, ink tank and reservoir, 0.5 mm nib



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### CMS-R-FLUID-TR - Cleaning fluid

5146750

<https://www.phoenixcontact.com/in/products/5146750>

Cleaning fluid, 30 ml, for the CMS-PEN ... and CMS-DISPOSABLE-PEN ...



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## CMS-R-FLUID-TR-C2 - Cleaning cartridge

5146752

<https://www.phoenixcontact.com/in/products/5146752>



Cleaning cartridges with replacement sealing caps, 2 cartridges with 10 ml cleaning fluid each and 2 caps for the CMS-PEN ... and CMS-DISPOSABLE-PEN ...

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## BM ID-MAG20 - Magazine

1044356

<https://www.phoenixcontact.com/in/products/1044356>



Infeed magazine for accommodating a max. of 20 UniCard sheets

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## BM ID-MAG40 - Magazine

1044357

<https://www.phoenixcontact.com/in/products/1044357>



Infeed magazine for accommodating a maxi. of 40 UniCard sheets

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## P1 UC-MAG 1 - Magazine

5146079

<https://www.phoenixcontact.com/in/products/5146079>



Magazine, for CMS-P1-PLOTTER and PLOTMARK, for accommodating UC-TM.  
..., UC-TMN..., UC-WMC 3,1..., UC-WMTBA...



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<https://www.phoenixcontact.com/in/products/0827490>



## P1 UC-MAG 6 - Magazine

5146121

<https://www.phoenixcontact.com/in/products/5146121>



Magazine, for CMS-P1-PLOTTER and PLOTMARK, for accommodating UC-EMP..., UC-EMLP...

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## CMS-R-SET-TR - Cleaning set

5146751

<https://www.phoenixcontact.com/in/products/5146751>



Cleaning set, consisting of: 1x cleaning cup, 2x cleaning cartridges with 10 ml cleaning fluid each and 2x replacement sealing caps for the CMS-PEN ... and CMS-DISPOSABLE-PEN ...

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## BLUEMARK CLED - Printer

5147999

<https://www.phoenixcontact.com/in/products/5147999>

Printers with LED-UV technology for printing plastic labels in UniCard format.



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