

UC-EMP (27X18) RD CUS - Snap-in markers

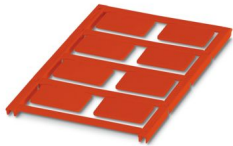


0828242

<https://www.phoenixcontact.com/us/products/0828242>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Snap-in markers, can be ordered: by sheet, red (RAL 3001), labeled according to customer specifications, mounting type: snapped into marker carrier, Number of individual labels: 8, text field height: 18 mm, text field width: 27 mm



Commercial data

Item number	0828242
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG8147
GTIN	4046356478939
Weight per piece (including packing)	11.85 g
Weight per piece (excluding packing)	11.35 g
Country of origin	PL

UC-EMP (27X18) RD CUS - Snap-in markers



0828242

<https://www.phoenixcontact.com/us/products/0828242>

Technical data

Product properties

Product type	Device marker
--------------	---------------

Marking

Number of individual labels	8
Number of individual labels per row	2
Identification technology	UV LED technology

Dimensions

Width	27.00 mm
Height	17.60 mm
Depth	1.00 mm
Length	18 mm

Text field

Text field width	27 mm
Text field height	18 mm

Material specifications

Color	red (RAL 3001)
Material	PA
Flammability rating according to UL 94	V2
Base element material	PA
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

Ambient conditions

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

Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364-A1-L:2018-05
Result	Test passed

Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VW PV 3.10.7:2005-02
Result	Test passed

UC-EMP (27X18) RD CUS - Snap-in markers



0828242

<https://www.phoenixcontact.com/us/products/0828242>

Scratch resistance

Specification	EN ISO 1518-1:2023 (following)
Requirements	≥ 5 N
Result	Test passed

Tesafilm test

Specification	DIN EN ISO 2409:2020-12 (following)
Result	Test passed

UV resistance

Specification	DIN EN ISO 4892-2:2021-11 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 125 °C (150 °C)	Test passed

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-01):2020-03 DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropanol (99%) [67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Acetone (99 %) [CAS No. 67-64-1]	Test passed

Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Saltwater (saturated 350 g/l) [CAS No. -]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed
IRM 903	Test passed

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

Specification	EN ISO 22479:2022-06
---------------	----------------------

UC-EMP (27X18) RD CUS - Snap-in markers



0828242

<https://www.phoenixcontact.com/us/products/0828242>

Result	Test passed
Procedure	Method B
Cycles	2

Salt spray test

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed
Test duration	96 h

Standards and regulations

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

Standards

Standards/regulations	EN 45545-2
-----------------------	------------

Mounting

Mounting type	snapped into marker carrier
---------------	-----------------------------

UC-EMP (27X18) RD CUS - Snap-in markers



0828242

<https://www.phoenixcontact.com/us/products/0828242>

Classifications

ECLASS

ECLASS-13.0	27281106
ECLASS-15.0	27281106

ETIM

ETIM 10.0	EC001288
-----------	----------

UNSPSC

UNSPSC 21.0	39131700
-------------	----------

UC-EMP (27X18) RD CUS - Snap-in markers



0828242

<https://www.phoenixcontact.com/us/products/0828242>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

EU REACH SVHC

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

EF3.1 Climate Change

CO2e kg	0.073 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com