

WMT 2,4 (15X4)R - Cable marker



0816281

<https://www.phoenixcontact.com/us/products/0816281>

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.



Cable marker, Roll, white, unmarked, can be labeled with: THERMOMARK E.300 (D)/600 (D), THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, cable diameter range: 1 ... 2.4 mm, mounting type: slide-on, Number of individual labels: 4000, text field height: 4.2 mm, text field width: 15 mm

Your advantages

- The conductor is pushed on through the two punch-outs on the marker. In this way, the marker is aligned on the conductor
- The special hole geometry for different conductor gauges ensures strong axial support
- Quick and inexpensive marking with THERMOMARK ... roll printers from Phoenix Contact
- When combined with the right ink ribbon, the marking is highly resistant to solvents and mechanical influences
- Labeling service: Phoenix Contact can custom-label all WMT ... markers in accordance with your requirements

Commercial data

Item number	0816281
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG17
Product key	BG2211
GTIN	4046356125680
Weight per piece (including packing)	516.8 g
Weight per piece (excluding packing)	516.1 g
Customs tariff number	39269097
Country of origin	DE

WMT 2,4 (15X4)R - Cable marker



0816281

<https://www.phoenixcontact.com/us/products/0816281>

Technical data

Product properties

Product type	Conductor marker
--------------	------------------

Marking

Number of individual labels	4000
Number of individual labels per row	3
Identification technology	Thermal transfer

Dimensions

Width	29.3 mm
Height	4.2 mm
Depth	0.175 mm

Material specifications

Foil strength	175 µm
Color	white (RAL 9010)
Material	Polyester
Components	free from silicone and halogen

Cable/line

External cable diameter	1 mm ... 2.4 mm
-------------------------	-----------------

Environmental and real-life conditions

Test for substances that would hinder coating with paint or varnish

Result	Test passed
--------	-------------

Test for substances that would hinder coating with paint or varnish

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

Tesa film 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.
Specification	IEC 60068-2-2:2007-07
Result	Test passed

WMT 2,4 (15X4)R - Cable marker



0816281

<https://www.phoenixcontact.com/us/products/0816281>

Procedure	Test Bb
Duration	96 h
Temperature for testing	120 °C

Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 150 °C (180 °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)
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
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed
Diesel [CAS No. 68476-34-6]	Test passed
IRM 901	Test passed
IRM 902	Test passed

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

Specification	EN ISO 22479:2022-06
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

Ambient conditions

Ambient temperature (operation)	-40 °C ... 150 °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)

WMT 2,4 (15X4)R - Cable marker



0816281

<https://www.phoenixcontact.com/us/products/0816281>

Shelf life	2 years
------------	---------

Standards and regulations

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

Mounting

Mounting type	slide-on
---------------	----------

WMT 2,4 (15X4)R - Cable marker



0816281

<https://www.phoenixcontact.com/us/products/0816281>

Classifications

ECLASS

ECLASS-13.0	27281102
ECLASS-15.0	27281102

ETIM

ETIM 9.0	EC001530
----------	----------

UNSPSC

UNSPSC 21.0	39131500
-------------	----------

WMT 2,4 (15X4)R - Cable marker



0816281
<https://www.phoenixcontact.com/us/products/0816281>

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%

Phoenix Contact 2025 © - 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