

TMT 8 R - Marker for terminal blocks

0816553

<https://www.phoenixcontact.com/us/products/0816553>

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Marker for terminal blocks, Roll, white (RAL 9010), 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, perforated, mounting type: latching, snap into flat marker groove, for terminal block width: 8.2 mm, Number of individual labels: 12000, text field height: 6.35 mm, text field width: 8.15 mm

Your advantages

- The TMT labeling range includes markers for all products with tall and flat marker grooves
- The perforated marking strips are easy to separate and can be easily fitted using the tool supplied
- 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 TMT ... markers in accordance with your requirements

Commercial data

Item number	0816553
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG11
Product key	BG2111
GTIN	4046356107310
Weight per piece (including packing)	496.8 g
Weight per piece (excluding packing)	461.5 g
Customs tariff number	39269097
Country of origin	DE

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Technical data

Product properties

Product type	Terminal marker
Pitch	8.2 mm

Marking

Number of individual labels	12000
Number of individual labels per row	12
Slot type	flat
Identification technology	Thermal transfer

Dimensions

Width	8.15 mm
Height	6.35 mm
Depth	0.17 mm
Pitch	8.2 mm

Text field

Text field width	8.15 mm
Text field height	6.35 mm

Material specifications

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

Environmental and real-life conditions

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)

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

Scratch resistance

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

Tesaflim 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 storage

Specification	IEC 60068-2-2:2007-07
Result	Test passed
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)
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

Immersion in chemicals, oil & fuel

Specification	ISO 175:2010 (following)
Test duration	168 h
Sodium hydroxide 0.1 mol/l [CAS No. 1310-73-2]	Test passed
Saltwater (saturated 350 g/l) [CAS No. -]	Test passed
Ethanol (99 %) [CAS No. 64-17-5]	Test passed

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Gasoline [CAS No. 64742-49-0]	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
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

Mounting

Mounting type	latching
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Classifications

ECLASS

ECLASS-13.0	27281101
ECLASS-15.0	27281101

ETIM

ETIM 10.0	EC000761
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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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