

LS-EMP 22 (50X50) WH - Device marker



1558018

<https://www.phoenixcontact.com/in/products/1558018>

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Device marker, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: insert, Number of individual labels: 9, text field height: 50 mm, text field width: 50 mm



Your advantages

- Equipment marking for marking control and signaling devices
- Prefabricated device markers in the proven laser-sheet format for ideal positioning in the marking device
- Very high contrast due to the white top layer with black marking

Commercial data

Item number	1558018
Packing unit	10 pc
Minimum order quantity	10 pc
Product key	BG241D
GTIN	4067923038608
Weight per piece (including packing)	40.73 g
Weight per piece (excluding packing)	38.8 g
Country of origin	DE

Technical data

Product properties

Product type	Device marking
Area of application	Command and signaling devices Ø 22 mm
Type	Laser sheet

Marking

Number of individual labels	9
Identification technology	Direct laser marking

Mounting

Mounting type	insert
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Material specifications

Color	white (RAL 9010)
Material	ABS
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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Test for substances that would hinder coating with paint or varnish

Result	Test passed
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Scratch test for the determining scratch resistance

Specification	DIN EN ISO 1518-1:2019-10 (following)
Requirements	≥ 5 N
Result	Test passed

Tesafilm test

Specification	DIN EN ISO 2409:2013 (following)
Result	Test passed

UV resistance

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

Weathering-resistance

Specification	DIN EN ISO 4892-2:2021-11
Result	Test passed
Test duration	6000 h
Procedure	A

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Temperature resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h

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
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	ISO 22479:2019-05
Result	Test passed
Procedure	Method B
Cycles	2

Salt spray test

Specification	DIN EN 60068-2-11:2000-02
Result	Test passed
Test duration	96 h

Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °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)
Shelf life	1 Year

Dimensions

Width	50 mm
Text field width	50.00 mm
Text field height	50.00 mm

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Length	50 mm
Hole diameter	22.00 mm
Material strength	0.80 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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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%

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Accessories

TOPMARK NEO - Laser marker

1012015

<https://www.phoenixcontact.com/in/products/1012015>



Laser marking system for the efficient marking of metal or plastic marking material from the LS..., UCT..., UC.../PP..., UM... product families.

TMN-ADAPTER PLATE-LS - Adapter plate

1012104

<https://www.phoenixcontact.com/in/products/1012104>



Adapter plate for LS materials incl. 4 magnets for spot securing of lightweight marking materials

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TMN-FRAME-LS - Holding plate

0803478

<https://www.phoenixcontact.com/in/products/0803478>

Retaining plate for circumferentially securing lightweight marking materials

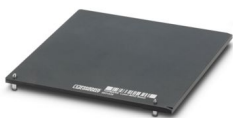


TOPMARK LASER-MAG SHEET - Magazine

0831836

<https://www.phoenixcontact.com/in/products/0831836>

Sheet magazine for TOPMARK LASER



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