LS-EMSP-AL (110X80) BU - Device marker

1050854

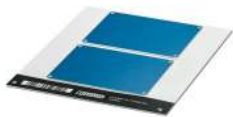https://www.phoenixcontact.com/us/products/1050854

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Device marker, Aluminum label, blue, unlabeled, can be labeled with: TOPMARK LASER, TOPMARK NEO, mounting type: screw, rivet, lettering field size: 110 x 80 mm, Number of individual labels: 2

Your advantages

- Aluminum equipment marking for screwing or riveting
- Identification made from metal, high strength in a lightweight design
- Increased durability due to the decoratively anodized surface

Commercial data

Item number	1050854
Packing unit	1 pc
Minimum order quantity	25 pc
Sales key	BG19
Product key	BG241D
Catalog page	Page 287 (C-3-2019)
GTIN	4055626669656
Weight per piece (including packing)	115.38 g
Weight per piece (excluding packing)	111.69 g
Customs tariff number	76169990
Country of origin	CN

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Technical data

Product properties

Product type	Device marking
Type	Laser sheet

Marking

Number of individual labels	2

Marking technology

Device	1012015 TOPMARK NEO
Printability	Direct laser marking

Mounting

Mounting type	screw, rivet

Material specifications

Color	blue
Material	Aluminum
Components	free from silicone, halogen, and cadmium

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

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

Weathering-resistance

Specification	ISO 4892-2:2013-03
Result	Test passed
Test duration	2500 h

Procedure	A

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)
Specification	ISO 175:2010 (following)
Test duration	168 h

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
Test duration	96 h

Salt spray test

Specification	ISO 9227:2012-05
Result	Test passed
Test duration	336 h

High pressure test

Specification	ISO 20653:2013-02
Result	Test passed

Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C (At temperatures above 80 °C there might be a slight change to the material surface)
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %

Dimensions

Width	120 mm
Length	80 mm
Hole diameter	4.20 mm
Material strength	1.50 mm

Standards and regulations

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

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC001288

UNSPSC

UNSPSC 21.0	39131500

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Accessories

TOPMARK NEO - Laser marker

1012015

https://www.phoenixcontact.com/us/products/1012015

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

TOPMARK LASER - Laser marker

0831831

https://www.phoenixcontact.com/us/products/0831831

Laser marker and MARKING NOTEBOOK with German operating system and German keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit

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TOPMARK LASER-MAG SHEET - Magazine

0831836

https://www.phoenixcontact.com/us/products/0831836

Sheet magazine for TOPMARK LASER

TMN-FRAME-LS - Holding plate

0803478

https://www.phoenixcontact.com/us/products/0803478

Retaining plate for circumferentially securing lightweight marking materials

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TMN-ADAPTER PLATE-LS - Adapter plate

1012104

https://www.phoenixcontact.com/us/products/1012104

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

TOPMARK LASER DE CH - Laser marker

0803285

https://www.phoenixcontact.com/us/products/0803285

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TOPMARK LASER RU RU - Laser marker

0803286

https://www.phoenixcontact.com/us/products/0803286

Laser marker and MARKING NOTEBOOK with Russian operating system and Russian keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit.

TOPMARK LASER SE SE - Laser marker

0803287

https://www.phoenixcontact.com/us/products/0803287

Laser marker and MARKING NOTEBOOK with Swedish operating system and Swedish keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit.

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https://www.phoenixcontact.com/us/products/1050854

TOPMARK LASER DK DK - Laser marker

0803288

https://www.phoenixcontact.com/us/products/0803288

Laser marker and MARKING NOTEBOOK with Danish operating system and Danish keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit

TOPMARK LASER CN US - Laser marker

0803289

https://www.phoenixcontact.com/us/products/0803289

Laser marker and MARKING NOTEBOOK with Chinese operating system and American keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit

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TOPMARK LASER PL US - Laser marker

0803290

https://www.phoenixcontact.com/us/products/0803290

Laser marker and MARKING NOTEBOOK with Polish operating system and American keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit

TOPMARK LASER FR FR - Laser marker

0803291

https://www.phoenixcontact.com/us/products/0803291

Laser marker and MARKING NOTEBOOK with French operating system and French keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit

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TOPMARK LASER IT IT - Laser marker

0803292

https://www.phoenixcontact.com/us/products/0803292

Laser marker and MARKING NOTEBOOK with Italian operating system and Italian keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit

TOPMARK LASER ES ES - Laser marker

0803293

https://www.phoenixcontact.com/us/products/0803293

Laser marker and MARKING NOTEBOOK with Spanish operating system and Spanish keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit

LS-EMSP-AL (110X80) BU - Device marker

1050854

https://www.phoenixcontact.com/us/products/1050854

TOPMARK LASER PT PT - Laser marker

0803295

https://www.phoenixcontact.com/us/products/0803295

Laser marker and MARKING NOTEBOOK with Portuguese operating system and Portuguese keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 230 V extraction unit

TOPMARK LASER US - Laser marker

0803297

https://www.phoenixcontact.com/us/products/0803297

Laser marker and MARKING NOTEBOOK with English operating system and English keyboard, incl. CLIP-PROJECT PROFESSIONAL software and installed drivers, user manual, sheet magazine, card magazine, and 120 V extraction unit