E-WML 4 (13X6)R - Wire-wrap label

1199658

https://www.phoenixcontact.com/us/products/1199658

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.



Wire-wrap label, Roll, white, unlabeled, can be labeled with: THERMOMARK E.WRAP, THERMOMARK E.300 (D)/600 (D), mounting type: adhesive, cable diameter range: 2 ... 4 mm, Number of individual labels: 7450, text field height: 6.4 mm, text field width: 13 mm

Product description

The self-laminating wrap-around labels in the E-WML... product family are designed for automated processing with the THERMOMARK E.WRAP applicator. After the printing and applying process, the markers adhere to the cable at a permanently defined position and the protective laminate protects the markers against dirt and abrasion. As the labels wrap tightly around the wires, they do not create any additional volume, so the wires can also be pulled through cable ducts, for example.

Your advantages

- For indoor and outdoor applications: high resistance to dirt and abrasion due to the protective laminate
- Firmly defined positioning of labels thanks to the adhesive system
- Broad diameter range with many different applications inside and outside the control cabinet
- The wrap-around labels do not create any additional volume, so the cable can also be pulled through cable ducts, for example
- Tight, bubble-free fit on the cable thanks to automatic winding
- For cylindrical objects, single wires, and cables

Commercial data

Item number	1199658
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BG15
Product key	BG2311
GTIN	4063151262648
Weight per piece (including packing)	523.4 g
Weight per piece (excluding packing)	391.9 g
Customs tariff number	39191012
Country of origin	FR

Technical data

Product properties

Product type	Conductor marking
Type	Label

Data management status

Article revision	03

Marking

Number of individual labels	7450
Number of individual labels per row	1
Identification technology	Thermal transfer for rolls

Dimensions

Width	12.7 mm
Text field width	13.00 mm
Text field height	6.40 mm
Length	19.1 mm

Material specifications

Foil strength	80 µm
Adhesive strength	25 µm
Adhesive	Acrylic
Color	white (RAL 9010)
Material	PVC
Components	Silicone-free

Cable/line

External cable diameter	4.00 mm
	2 mm ... 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

Scratch test for the determining 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
Specification	IEC 60068-2-2:2007-07
Result	Test passed
Duration	96 h
Temperature for testing	90 °C
Specification	DIN EN 60068-2-30:2006-06 (following)
Result	Test passed
Duration	96 h
Temperature for testing	40 °C
Relative humidity	90 %

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
Acetone (99 %) [CAS No. 67-64-1]	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)	-40 °C ... 80 °C
Ambient temperature (assembly)	+ 15 °C ... 35 °C
Recommended ambient temperature (storage/transport)	20 °C ... 25 °C
Recommended humidity (storage/transport)	40 % ... 50 % (Storage in a dry and dark place in the original packaging is recommended)
Shelf life	2 years

Standards and regulations

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

Mounting

Mounting type	adhesive

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1199658

cULus Recognized
Approval ID: MH67185Vol1sec1

Classifications

ECLASS

ECLASS-11.0	27281102
ECLASS-12.0	27281102
ECLASS-13.0	27281102

ETIM

ETIM 9.0	EC001530

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 2024 © - 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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

PHOENIX CONTACT:

1619453 2838254 2905346 3244449 5435970 1817440 1899414 1604561 0817028 0818153 1407671
1539570 0801422 0808671:0311 1674794 3210202 0800379 0818111 3036424 1956137 3241240
0801820 1052345:0021 1442188 1778599 3248125 0828799 1712737 2800865 2800976