

# ESL 24X4 CUS - Insert strip



0824398

<https://www.phoenixcontact.com/us/products/0824398>

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Insert strip, Sheet, can be ordered: in sheets, white (RAL 9010), labeled according to customer specifications, can be labeled with: Office printing systems, CMS-P1-PLOTTER, mounting type: insert, Number of individual labels: 488, text field height: 4 mm, text field width: 24 mm



## Your advantages

- ESL 24x4, white insert label, for marking KLM 1 terminal strip marker carriers and LM cable marker carriers
- Thanks to their special shape, the ESL 24x4 insert labels fit optimally in the KLM 1 terminal strip marker carrier and LM cable marker carrier
- The material file can be downloaded under the CLIP PROJECT software under Downloads - "Software update - Marking"

## Commercial data

Item number	0824398
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	BG8124
GTIN	4046356352697
Weight per piece (including packing)	10 g
Weight per piece (excluding packing)	9 g
Country of origin	PL

## Technical data

### Product properties

Product type	Terminal marker
Area of application	Phoenix Contact: Insert label, for marking KLM 1 terminal strip marker carriers and LM cable marker carriers

### Marking

Number of individual labels	488
Number of individual labels per row	8
Identification technology	Plotter

### Dimensions

Width	24.00 mm
Height	4.00 mm
Depth	0.15 mm
Length	4 mm

### Text field

Text field width	24 mm
Text field height	4 mm

### Material specifications

Foil strength	135 µm
Color	white (RAL 9010)
Material	Polyester foil
Base element material	Polyester
Components	free from silicone and halogen

### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 %

#### 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

#### Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VDMA 24364:2018-05
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 resistance

Specification	ANSI/UL 969-2018:03 (following)
Test duration	240 h
Rating 125 °C (150 °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
Saltwater (saturated 350 g/l) [CAS No. - ]	Test passed
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

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Cycles	2
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## Salt spray test

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed
Test duration	96 h

## Standards and regulations

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

Mounting type	insert
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## Classifications

### ECLASS

ECLASS-13.0	27281106
ECLASS-15.0	27281106

### ETIM

ETIM 10.0	EC001288
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### UNSPSC

UNSPSC 21.0	39131700
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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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