

# ESL 29X8 - Insert strip

0808257

<https://www.phoenixcontact.com/us/products/0808257>

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Insert strip, Sheet, white (RAL 9010), unmarked, can be labeled with: Office printing systems, CMS-P1-PLOTTER, perforated, mounting type: insert, Number of individual labels: 174, text field height: 8 mm, text field width: 29 mm



## Your advantages

- Phoenix Contact: KMK, KMK 2, KMK HP (29x8), and KMK UV (29x8) plastic cable markers
- Due to their special shape, the ESL-29x8 insert labels fit perfectly into the KMK ... (29x8) marker carriers
- The material file can be downloaded under the PROJECT COMPLETE software under Downloads – “Software update – Marking”

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 0808257       |
| Packing unit                         | 10 pc         |
| Minimum order quantity               | 10 pc         |
| Sales key                            | BG12          |
| Product key                          | BG2314        |
| GTIN                                 | 4017918171490 |
| Weight per piece (including packing) | 16.2 g        |
| Weight per piece (excluding packing) | 12.616 g      |
| Customs tariff number                | 39206219      |
| Country of origin                    | DE            |

## Technical data

### Product properties

|              |                 |
|--------------|-----------------|
| Product type | Terminal marker |
|--------------|-----------------|

### Marking

|                                     |     |
|-------------------------------------|-----|
| Number of individual labels         | 174 |
| Number of individual labels per row | 6   |

### Dimensions

|        |         |
|--------|---------|
| Width  | 29.5 mm |
| Height | 8.35 mm |
| Depth  | 0.15 mm |

### Text field

|                   |       |
|-------------------|-------|
| Text field width  | 29 mm |
| Text field height | 8 mm  |

### Material specifications

|                       |                                |
|-----------------------|--------------------------------|
| Foil strength         | 135 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 ... 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

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

#### Tesafilm test

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|               |                                     |
|---------------|-------------------------------------|
| 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<br>DIN EN 62208 (VDE 0660-511):2012-06 (in parts) |
| Isopropanol (99%) [67-63-0]                       | Test passed  |
| n-Hexane<br>[CAS No. 110-54-3]                    | Test passed  |
| Water + Petroleum ether<br>[CAS No. 64742-82-1]   | Test passed  |
| Sodium hydroxide 0.1 mol/l<br>[CAS No. 1310-73-2] | Test passed  |
| Ethanol (99 %)<br>[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)<br>[CAS No. - ] | Test passed              |
| Gasoline<br>[CAS No. 64742-49-0]              | Test passed              |
| Diesel<br>[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                                   |

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|               |      |
|---------------|------|
| Test duration | 96 h |
|---------------|------|

## Mounting

|               |        |
|---------------|--------|
| Mounting type | insert |
|---------------|--------|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27281106 |
| ECLASS-15.0 | 27281106 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001288 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 39131700 |
|-------------|----------|

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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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