# Product data sheet
## Characteristics

# LA1KN133
## Auxiliary contact block, TeSys K, 1NO+3NC, front mounting, spring terminals




## Main

| | |
|---|---|
| Range | TeSys |
| Product name | TeSys K |
| Product or component type | Auxiliary contact block |
| Device short name | LA1 |
| Range compatibility | TeSys K LC1K[RETURN]TeSys K CA2K[RETURN]TeSys K CA3K |
| Mounting location | Front |
| Pole contact composition | 1 NO + 3 NC |
| Auxiliary contacts operation | Instantaneous |
| [Ue] rated operational voltage | 690 V AC 25...400 Hz |
| [Ui] rated insulation voltage | 690 V conforming to IEC 60947-5-1<br>600 V conforming to UL 60947-5-1<br>600 V conforming to CSA C22.2 No 60947-5-1 |
| [Ith] conventional free air thermal current | 10 A (at 50 °C) |
| Standards | EN/IEC 60947-5-1<br>UL 60947-5-1<br>CSA C22.2 No 60947-5-1<br>GB/T 14048.5<br>JIS C8201-5-1<br>UL 60335-2-40:Annex JJ |
| Product certifications | CB Scheme[RETURN]CCC[RETURN]UL[RETURN]CSA[RETURN]CE[RETURN]UKCA |

## Complementary

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|---|---|
| Irms rated making capacity | 110 A at <= 690 V AC conforming to IEC 60947 |
| Permissible short-time rating | 80 A 1 s<br>60 A 500 ms<br>110 A 100 ms |
| Associated fuse rating | 10 A gG at <= 690 V conforming to IEC 60947 |
| Minimum switching current | 5 MA |
| Minimum switching voltage | 17 V |
| Non overlap distance | 0.5 Mm |
| Insulation resistance | > 10 MOhm |
| Connections - terminals | Spring terminals 1 cable(s) 0.75…1.5 mm²flexible without cable end<br>Spring terminals 1 cable(s) 0.75…1.5 mm²rigid |
| Height | 30 Mm |
| Width | 38 Mm |
| Depth | 35 Mm |
| Net weight | 0.045 Kg |

## Environment

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|---|---|
| Environmental characteristic | Normal environment |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Protective treatment | TC conforming to IEC 60068 |
| Ambient air temperature for storage | -50…80 °C |
| Ambient air temperature for operation | -25…50 °C |
| Operating altitude | 2000 m |

## Packing Units

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 4.000 Cm |
| Package 1 Width | 3.500 Cm |
| Package 1 Length | 3.500 Cm |
| Package 1 Weight | 45.000 G |
| Unit Type of Package 2 | S01 |
| Number of Units in Package 2 | 100 |
| Package 2 Height | 15 Cm |
| Package 2 Width | 15 Cm |
| Package 2 Length | 40 Cm |
| Package 2 Weight | 4.700 Kg |
| Unit Type of Package 3 | P06 |
| Number of Units in Package 3 | 3200 |
| Package 3 Height | 75.000 Cm |
| Package 3 Width | 80.000 Cm |
| Package 3 Length | 60.000 Cm |
| Package 3 Weight | 158.400 Kg |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 43 |
| Total lifecycle Carbon footprint | 4 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.92084 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.9 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.0058845 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.0043312 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 3.1606 |
| REACh free of SVHC | Yes |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 3 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.11352 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.1 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 4 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| End of life manual availability | No need of specific recycling operations |

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| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

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|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised